United States Military Academy West Point, New York 10996

WARFIGHTER'S SIMULATION 2000 TRAINING REQUIREMENTS ANALYSIS PROGRAM

OPERATIONS RESEARCH CENTER TECHNICAL REPORT

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June 1997

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A JOINT TECHNICAL REPORT
OF THE
OPERATIONS RESEARCH CENTER
and
DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE
UNITED STATES MILITARY ACADEMY

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EXECUTIVE SUMMARY

The World Wide Web (WWW) enables users to present and collect information from others around the world. It provides users with access to information on any subject using standard browsers.

This technical report discusses the design and implementation of a multi-user database system called the Training Requirements Analysis Program (T-RAP), on the World Wide Web that the Warfighter's Simulation (WARSIM) 2000 development team used to develop the requirements document for the Army's next generation of military simulations. A total of 262 U.S. Army Mission Training Plans (MTP) representing units from Platoon to Corps have been converted into a database format and currently available for use by authorized users. The system converts database entries to Hyper-Text Markup Language (HTML) through the use of the Common Gateway Interface (CGI) commonly used by most WWW servers. These MTPs are provided to users to gather their opinions about the suitability of training each task within the WARSIM system. They are also useful for determining which computer generated force tasks must be coded to support unit training. The system stores and links individual user opinions with each MTP task for every step and performance measure associated with that task. The system also makes previously entered opinions available to users every time they log on to the system.

The Standard Query Language enables users to analyze, combine and display data.

The system features over 20 standard queries used by the WARSIM 2000 developers in ascertaining which MTP tasks to focus on during the software development phase of the simulation's acquisition.

1.0 INTRODUCTION

According to the National Simulation Center, "WARSIM 2000 will provide simulation tools to Force XXI leaders which they can use to create realistic operational conditions for education, training, and mission rehearsal. The program objectives include supporting Total Army and Joint Force events from battalion through echelons above corps in scenarios from across the operational continuum while reducing the resources required to prepare, execute, and assess simulation events. WARSIM 2000 will support real-time battle command training events such as seminars, command post exercises (CPXs) and Battle Command Training Program (BCTP) events in all type units and schools."

WARSIM 2000 is under development to support training of commanders and staffs at battalion through echelons above corps level. It will be able to support single or multi-echeloned training with both actual and synthetic units. The tasks that WARSIM will support are primarily command and staff tasks which are cognitive and not physical in nature. These tasks include planning, coordinating and directing operations of forces under the control of the training staff or audience as well as functioning as a subordinate element to other headquarters elements. The tasks are primarily information oriented and may generate information products, updates or transmit a decision.

In October 1996, MAJ(P) George Stone, National Simulation Center (N.S.C.), with duty at the U.S. Army Simulation Training and Instrumentation Command, (STRICOM) approached the Operations Research Center, United States Military

Academy to ask for help in developing the Training Requirements Analysis Program (T-

RAP). This technical report describes the development of the World Wide Web based T-RAP collection tool for the N.S.C. and STRICOM. It documents the rationale and detail of the functions, form and data structures used throughout the system. The report also discusses the development of the on-line data analysis function through which users can execute one of a variety of pre-defined queries specific to their analysis needs.

The T-RAP supports the WARSIM 2000 requirements development process by providing a means with which specific staff training events and tasks are analyzed by Subject Matter Experts (SMEs) to evaluate their supportability within the WARSIM system. These events and tasks include both the tasks that an actual training unit would perform while using the WARSIM system as well as those tasks that computer generated forces would perform to support/ stimulate the training unit in accomplishing any particular task. The T-RAP also provides the WARSIM developers the opportunity to analyze a fine level of detail about all aspects of the training audience tasks as well as any simulated forces tasks.

2.0 STATEMENT OF WORK

Discussions with NSC and STRICOM and the Operations Research Center submitted led to the following statement of work submitted by the ORCEN:

http://www-leav.army.mil/nsc/warsim/ord_3_1.htm

Statement of Work for the Development of a WARSIM 2000 Requirements Documentation System

The Operations Research Center of Excellence, (ORCEN), United States Military Academy, will develop a Subject Matter Expert Data Collection and Analysis Tool. The fully developed tool will be used by WARSIM 2000 Product Managers to generate a complete Requirements Document by 1 March 1997.

Requirement:

The Operations Research Center, The U.S. Army Simulation, Training and Instrumentation Command (STRICOM), Orlando Florida, and the National Simulation Center (NSC), Fort Leavenworth, Kansas, propose to jointly develop a general methodology for generating database and modeling requirements for WARSIM 2000. This approach links actual training units using WARSIM 2000 with supporting requirements. These requirements include but are not limited to the following: Synthetic Represented Units, Synthetic Environment Objects, and additional unit equipment that must be available for WARSIM training. Besides identifying training unit support requirements, this effort will also determine the applicability and relative importance and of unit training tasks and supporting requirements. Determining relative importance will enable the developers to prioritize efforts of the WARSIM contractor (Lockheed Martin Information Systems) during software development. The development team will also construct an information repository for recording knowledge from Subject Matter Experts across the country thus eliminating the need for travel. Finally, all collected data will be fully integrated into WARSIM's Functional Description of the Battlespace (FDB).

Technical Approach

The ORCEN shall perform the following tasks to support the WARSIM 2000 requirements development enumerated above:

- Develop a relational database for data collection and analysis using the previously defined general approach (see above). The approach will also ensure complete traceability exists of information input into the data repository.
- Test the basic approach using multiple experts. Currently, the algorithm determines the relative task importance based upon the opinions of one expert. Obviously, as the system matures, it must be able to receive and handle multiple opinions from experts.
- Develop a methodology for prioritizing synthetic units and supporting tasks relating to Primary Training Audience training tasks.
- Wherever possible, commercial-off-the-shelf (COTS) software and existing technologies will be used to develop a World Wide Web (WWW) site using Common Gateway Interface (CGI) and relation database techniques to extract opinion from the various Subject Matter Experts.
- Allow users to use standard WWW browsers as their input tool.
- Develop and articulate data dependencies to allow incorporation of collected data into the FDB.
- Define clear linkages from approved Army documents to data presented or used by the Requirements Documentation System.
- Transfer the system from the ORCEN to STRICOM, Orlando for permanent use and maintenance.

Timelines:

- 28 October 9 December: SYSTEM DEVELOPMENT. Closely coordinate with
- STRICOM, NSC, and contractors during tool development.

 9 December: SYSTEM DEMONSTRATION AND AVAILABILITY. Data structures must be compliant and integratable with the FDB.
- 9 December 1996 15 January 1997: DATA COLLECTION. The ORCEN will be available to solve any system problems that may develop.
- 15 January 15 February: DATA ANALYSIS AND REPORT GENERATION.
- February 1997: TECHNICAL REPORT. Present findings to STRICOM and NSC. Submit report and provide Product Managers with complete system documentation.

Financial Support: Details of the financial support provided to the Operations Research Center are not provided in this report.

3.0 DEFINING THE T-RAP

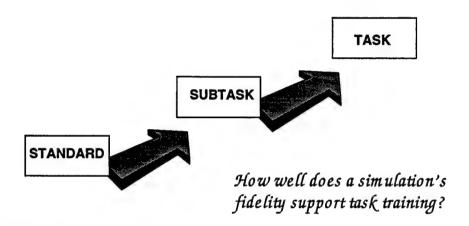
The key functions of the T-RAP as defined by STRICOM and NSC are:

- Collect Data
- Perform Data Analysis
- Provide Feedback to Users
- Provide Summary to the WARSIM Development team.

Collect Data: The T-RAP is designed to identify the training units with related tasks and equipment that will be supported by WARSIM 2000. It also links Represented Units (RU) or Computer Generated Forces and the tasks they will accomplish within the simulation to each supported training unit task. It provides the opportunity to describe any synthetic environment objects as well as significant pieces of equipment that must be present within the simulation to support either training or represented unit tasks.

Perform Data Analysis: Task Performance Support (TPS) codes provide a relative indicator of the degree to which a given training simulation supports the performance of collective training tasks. Any collective task that is to be trained on any simulation system in the Army will have a TPS code associated with it. The code provides commanders with the ability to discriminate between simulation training events and decide which simulation platform better supports his training goals. STRICOM and NSC desired to compute the TPS code for each evaluated training audience task for the WARSIM 2000 system. Computation of the rating is accomplished through the use of the flow charts in Figures 1 through 4 which were provided by STRICOM and were previously used during the Close Combat Tactical Trainer requirements development process.

MTP "TASK TRAINABILITY" ROLL-UP LOGIC



:\meoffice\powerpnt\trede\rollup - 7 Fab 95

Figure 1. Task Proficiency Support Code Logic.

CRITERIA for Rating MTP Standards

- Highly Supported (H): The standard can be met entirely. Sufficient cues are present within the environment and appropriate responses are supported such that the training experience is much the same as it would be in a field environment.
- Moderately Supported (M): Most of the the standard is supported.

 Sufficient cues are present within the environment and appropriate responses are supported such that the training experience is sufficiently like a field training environment to support positive training of tactics and techniques.
- Outside Support Required (O): The standard can be met in the training environment, but only if over half of the required cues and reponses are provided or performed with resources outside/adjacent to the environment.
- Not Supported (N): The standard cannot be supported. A significant portion of the cues and responses required to perform the required actions are not represented or cannot be supported.

Figure 2. Criteria Used for TPSC Evaluations.

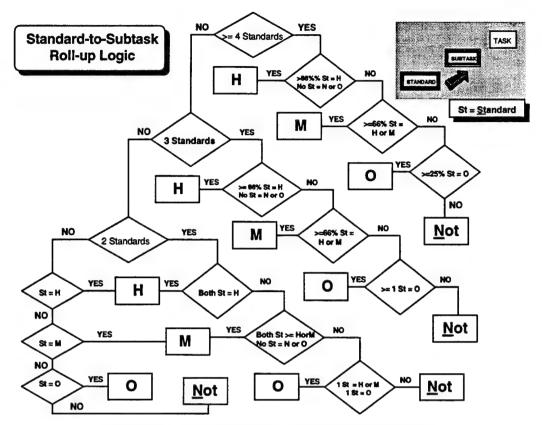


Figure 3. Roll-up Logic - Standard to Subtask

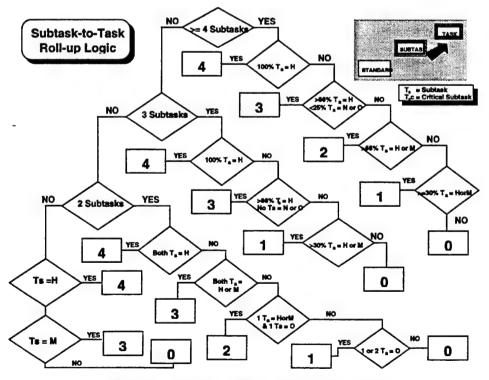


Figure 4. Roll-up Logic - Subtask to Task.

STRICOM also defined a new code for the T-RAP and the WARSIM development process, the Task Simulation Support Code (TSSC). The TSSC describes the degree of detail to which a Represented Unit task will be modeled in the simulation to stimulate training of a training audience task. This code then characterizes a Represented Unit's task as to the level of fidelity required within the simulation. STRICOM directed that the same computational scheme as the TPSC be used for the TSSC. Since the expert would now be asked to rate the task as to the level of fidelity with which it should be modeled within the simulation, the criteria were changed as shown in Figure 5.

CRITERIA for Rating MTP Standards for Represented Units

<u>Full Details (H)</u>: All aspects of this RU's TS/ PM must be modeled in the simulation to stimulate the associated TA task.,

<u>Partial Details (M)</u>: Only essential aspects of this RU's TS/ PM must be modeled in the simulation to stimulate the associated TA task.

Minimum Details (O): All that is required is to know that the RU TS/PM has been executed (Yes/NO?).

Not Required (N): No information required.

Figure 5. Represented Unit Rating Criteria.

STRICOM also directed that the T-RAP collect SME opinions about the synthetic environment and unit equipment within the WARSIM system and required by represented units. Synthetic environment objects are any objects required in the simulation that are needed to execute the task step/ performance measure of the associated represented unit

task. Unit equipment is defined as any major end items that are required to execute the task step/ performance measure of the represented unit task.

4.0 PROGRAMMING ON THE WORLD WIDE WEB

STRICOM initially developed a Microsoft Excel version of the T-RAP. This version was capable of collecting a single user's opinions to characterize both training audience and represented unit tasks. They quickly realized that there would be a tremendous problem in merging data from all of the individual spreadsheets once collected from SMEs across the Army. They also realized that that the spreadsheet suffered from 'version control' problems, meaning that as their tool developed, they were unsure who had what version. As the functionality of their tool improved, they had users with different versions of the tool. To solve the data collation problem, a database approach had to be implemented so that multiple expert opinions could be collected and analyzed. The World Wide Web as the collection medium was selected for a number of reasons. First of all, once implemented, users from all over the world could use the tool from their home station thus eliminating any travel related expenses. Also, a program on the web would correct the version control problem because as the system continued in its development process, users would have access to the latest and most current version online.

Linking a database to a world wide web server requires then a program which can execute necessary routines on the WWW server and return results to a user over the network. The Common Gateway Interface (CGI) is part of a Web Server that can communicate with other programs running on the server. In CGI, the Web server can call

up a program and pass user-specific data to the program. The application program then processes the data and passes the program's response back to the Web browser. Figure 6 depicts the interaction between a user on a network with a standard browser inputting and receiving processed data from m a web server.

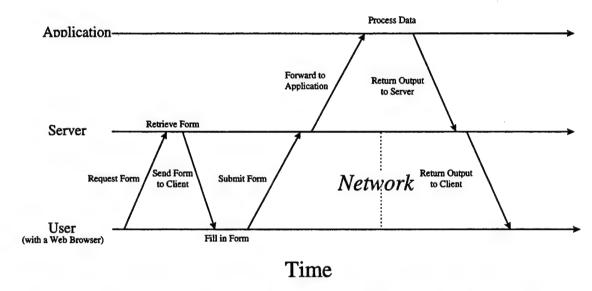


Figure 6. Interfacing a Program with a World Wide Web User using CGI.

5.0 SYSTEM IMPLEMENTATION

The first step in designing the on-line version of the T-RAP was to select both a programming language and database product that were compatible as well as capable of generating CGI scripts. Microsoft® Visual Basic® was chosen as the CGI programming environment because of the authors' experience with the product on previous ORCEN projects. To maintain software consistency and transferability, Microsoft® Access® was also selected as the underlying multi-user database engine. Given the relatively short development time of the T-RAP, it was decided to go with these products to quickly program the prototype. There are more robust database and programming products

available in the market today and future versions of the T-RAP may want to explore other software options.

The initial step in implementing the T-RAP was to translate all applicable Mission Training Plans (MTPs) into a format which Access® would recognize and use. Currently the U.S. Army Training Support Center, Headquarters TRADOC, is responsible for maintaining the *Automated Systems Approach to Training*. This product contains the complete documentation of all approved MTPs for the Army. The MTPs are organized into a database format using Infomaker® for Windows by Powersoft®. After several weeks of attempting to translate the MTPs from this format into an Access® compatible one that the CGI environment could use, the authors decided to seek another MTP source.

LTC Stone then recommended that we contact Resource Consultants Incorporated (RCI) of Orlando, Florida who had performed some previous work for STRICOM supporting the TREDS and CCTT programs. They had developed a CDROM called R-TASK that had every MTP in Microsoft® FoxPro® format. Table 1 provides a extract of one of the MTPs contained within that product. Looking at the table, it is obvious that the database actually contains every line and sentence within the MTP identified as unique records and some code would be required to convert the data for T-RAP use.

Table 1. Sample R-TASK MTP Listing.

DOCKEY	SECTI	TAGKEY	LEVEL	PAR	LINE	TEXTTYPE	TEXT-
	ON						**************************************
000000001	%	022-8-CG01	2	1	1	BOS	ARTEP 100-15-MTP MISSION TRAINING PLAN FOR CORPS COMMAND GROUP AND STAFF
0000000001	%	022-8-CG01	2	1	2	BOS	(1990/05/01)
0000000001	%	022-8-CG01	2	1	1	BOS	BOS: COMMAND AND CONTROL
000000001	%!	022-8-CG01	2	2	1	BOS	ELEMENT: COMMANDING GENERAL, COMMAND GROUP
000000001	%	022-8-CG01	3	1	1	TSK	TASK: COMMAND AND CONTROL CORPS OPERATIONS (FM 100-5, FM 100-15, FM 101-5)
0000000001	%!!	022-8-CG01	3	1	2	TSK	(022-8-CG01)
0000000001	%!!	022-8-CG01	3	1	3	TSK	
000000001	%!!	022-8-CG01	3	2	1	CND	CONDITIONS:
000000001	%!!	022-8-CG01	3	2	2	CND	The corps, as part of a Theater/Army operating in a joint and combined
0000000001	%ll	022-8-CG01	3	2	3	CND	environment, is engaged in combat or combat is imminent. The corps' tactical,
000000001	%!!	022-8-CG01	3	2	4	CND	main and rear command posts have been deployed and established. Communications
0000000001	%!!	022-8-CG01	3	2	5	CND	have been established and reports are being received from subordinate units and
000000001	%!!	022-8-CG01	3	2	6	CND	submitted to Theater/Army headquarters in accordance with tactical standing
0000000001	%!!	022-8-CG01	3	2	7	CND	operating procedures (SOPs). Combat may involve offensive, defensive or
0000000001	%!!	022-8-CG01	3	2	8	CND	retrograde operations. Continuous operations (day and night) are envisioned.
0000000001	%!!	022-8-CG01	3	2	9	CND	Enemy forces are composed of armored, mechanized and airborne forces with their
0000000001	%!!	022-8-CG01	3	2	10	CND	associated combat support, combat service support and air assets. The NBC
000000001	%!!	022-8-CG01	3	2	11	CND	environment is active. Friendly forces possess the capability to employ nuclear
000000001	%!!	022-8-CG01	3	2	12	CND	or chemical weapons. The enemy is employing chemicals in support of terrain
000000001	%!!	022-8-CG01	3	2	13	CND	denial operations and against selected deep targets. They have nuclear weapons

The next step was to develop a method with which to translate the R-TASK MTP databases into Access® along with an accompanying schema that would lend itself to the data collection effort. In writing the translation code, the Tasks, Conditions and Standards for each MTP were separated from the individual steps and performance measures associated with each of the tasks. During that phase of the T-RAP

development, the concern was to be able to separate the MTP into its component parts to maintain satisfactory system performance as each of the components would be used for different aspects of the collection effort. Table 2 provides an extract of the resulting Task, Condition, Standard tablke after conversion. What is significant in this table is that every task is sequentially indexed. This indexing provides that basis to link individual user opinions to individual tasks.

Table 2. Sample Task Condition Standard Listing after conversion.

574	Machine State State of the Stat		· · · · · · · · · · · · · · · · · · ·		
BOS	Tasknumber	Task	Condition	Standard	Counter
COMMAND AND	022-8-CG01	COMMAND AND	The corps, as part of a Theater/Army	The corps' mission	
CONTROL		CONTROL CORPS OPERATIONS (FM	operating in a joint and combined environment, is engaged in combat or	is accomplished IAW the	
		100-5, FM 100-15,	combat is imminent. The corps'	Theater/Army	
		FM 101-5) (022-8-	tactical, main and rear command posts	commander's intent.	
		CG01)	have been deployed and established.	The resources are	
		0001)	Communications have been	employed to	
			established and reports are being	effectively	
			received from subordinate units and	accomplish the	
			submitted to Theater/Army	mission. The corps	
			headquarters in accordance with	retains the	
			tactical standing operating procedures	capability to	
			(SOPs). Combat may involve	continue combat	
			offensive, defensive or retrograde	operations.	
			operations. Continuous operations (day	·	
			and night) are envisioned. Enemy		
			forces are composed of armored,		
			mechanized and airborne forces with		
			their associated combat support,		
			combat service support and air assets.		
			The NBC environment is active.		
			Friendly forces possess the capability		
			to employ nuclear or chemical		
			weapons. The enemy is employing chemicals in support of terrain denial		
			operations and against selected deep		
			targets. They have nuclear weapons in		
			a ready posture but have not yet		
			employed them. Their biological		
			weapons remain in storage at Front		
			level. Further use of chemical or initial		
			employment of nuclear or biological		
·			weapons may occur at any time.		
			Electronic warfare (EW) environment is		
			active. The enemy is employing radio	* * * * * * * * * * * * * * * * * * *	
			electronic combat (REC) tactics. There	10 to	
			is air parity within the theater of		
			operations; however local air		
			superiority can be achieved for short		
			periods of time by either air force.		
			Conflict is characterized by nonlinear		
			operations; a wide range of enemy weapon systems whose ranges and		
-			lethality equal or exceed U.S.		
			capabilities; and numerous		
			surveillance, target acquisition and	***	
			communication sensors. The combat	1	
			environment is characterized by a		
		•	continuing series of fast, chaotic,		
	The state of the s	***	obscure battles. The corps has		
			received the INTSUM and the		
		***	Theater/Army OPLAN. The corps		
		**************************************	commander's intent is for the corps to		
			accomplish its assigned mission while	•	
			retaining the capability continue	•	
	<u></u>	<u> </u>	operations required.	<u> </u>	.

In all, there were 262 MTPs available in R-TASK that were converted for use.

Appendix A lists all supported MTPs as of the date of this technical report. Table 3 provides an extract of the conversion of the steps and performance measures from the R-TASK database. These tables are linked to the original table in that the MTP Task

number listed in the table is the same as the Counter in the task, condition, standard table.

Appendix B provides the annotated Visual Basic ® source code for both of the conversion routines.

Table 3. Task Steps and Performance Measures Extract.

Tasknumber	Step	Narrativa	MTPTaskRefer		MTPPMR	MTPSubPMRe
022-8-CG01	1	*1. Plans corps		eference	O	ference
		operations.	1	1	· · · · · · · · · · · · · · · · · · ·	0
022-8-CG01	1 a	a. Provides information to staff.	1	1	1	0
022-8-CG01	1 b	b. Approves staff's restated mission.	1	1	2	0
022-8-CG01	1 c	c. Issues guidance to staff.	1	1	3	0
022-8-CG01	1 d	d. Makes the commander's estimate.	1	1	4	0
022-8-CG01	1 e	e. Clearly articulates his intent and concept of the operation.	1	1	5	0
022-8-CG01	2	*2. Organizes corps resources.	1	2	0	0
022-8-CG01	2 a	Allocates resources to support concepts of operation.	1	2	1	0
022-8-CG01	2 b	b. Task organizes corps resources.	1	2	2	0
022-8-CG01	2 c	c. Establishes priorities of corps resources.	1	2	3	0
022-8-CG01	2 d	d. Establishes procedures and relationships.	1	2	4	0
022-8-CG01	2 e	e. Modifies established procedures, as required.	1	2	5	0
022-8-CG01	2 f	f. Establishes procedures for receiving major non- organic unit.	1	2	6	0
022-8-CG01	2 g	g. Designates, sustains and shifts, as necessary, the main effort.	ī	2	7	0
022-8-CG01	2 h	h. Establishes procedures to eliminate C2 degradation during shift changes.	1	2	8	0
022-8-CG01	3	*3. Directs corps operations.	1	3	0	0

6.0 DATABASE AND USER INTERFACE DESIGN

The following section highlights the development of the user interface and underlying database structure. The included functions closely parallel the spreadsheet model provided by STRICOM at the beginning of system development. Figure 7 graphically portrays the built-in navigation logic for an user. As the system developed, it was clear that given the variety of screens that were under development, T-RAP navigation should be built in, thus allowing an user to provide his opinions with little risk of becoming *lost*. Each aspect of the folw chart is discussed in great detail for the remainder of this section.

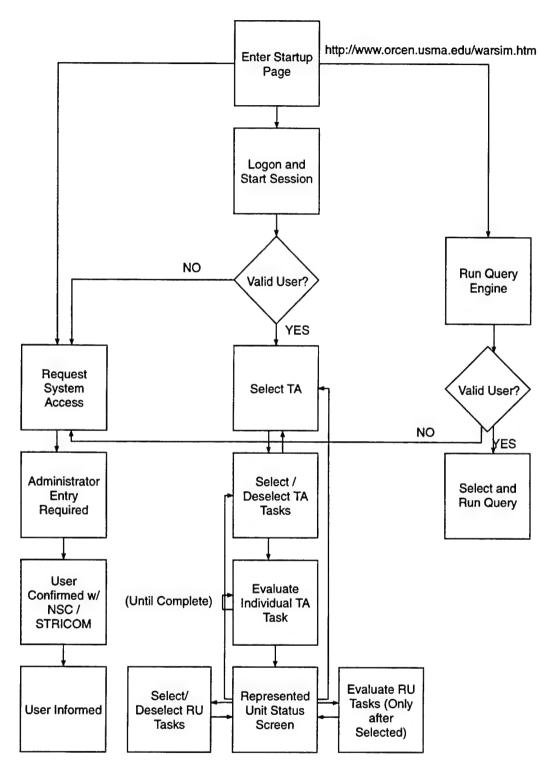


Figure 7. User Navigation.

REQUEST SYSTEM ACCESS: A new user entering the system is only allowed to proceed to the *Request System Access* function. He is presented with a Hyper-Text Markup Language (HTML) form that requires him to fill in identifying data.

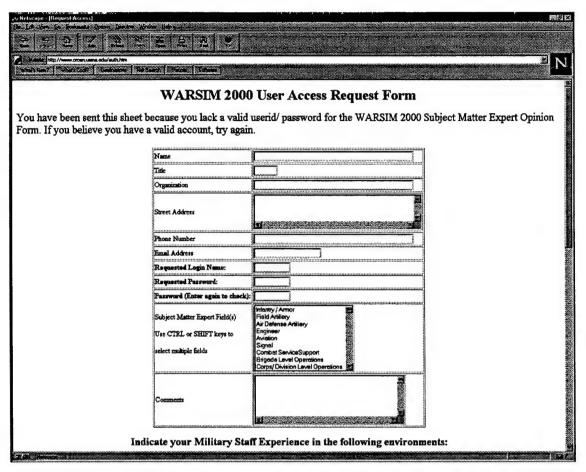


Figure 8. Collecting User Information - Upper Half of Screen.

At the same time, the system requests some of the experience this user has had while serving in the military as well as any simulation experience. This data is used in the analysis module of the system when multiple experts' opinions are weighed against one another.

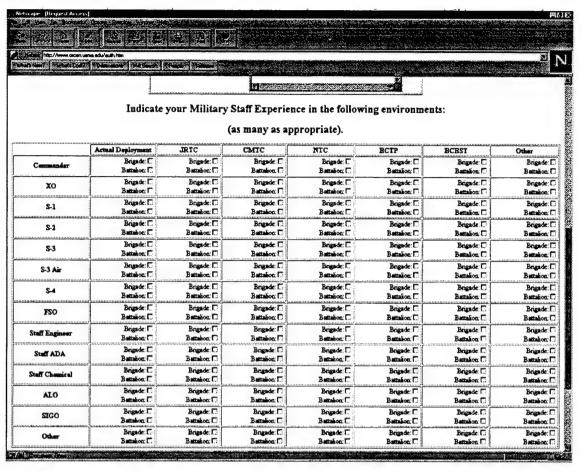


Figure 9. Collecting User Information - Lower Half of Screen.

Once the information is submitted, the data is written to an Access® database by the CGI system. Experience with managing the system has shown that most prospective users are eager to get on the system so they will send the administrators an email message requesting immediate access. The administrators contact NSC or STRICOM and seek verbal approval of users who are then given access to the web site itself and can then proceed into with data collection or analysis. The users already have their userid and password as they are stored in the database. Another CGI program was written to ensure that all users have unique userids, that they enter their passwords twice and that all required fields are filled out. If not, the user is presented with an error message and

directed to correct the deficiency. Appendix C provides the source code listing for the creation of user accounts.

ERROR TRAPPING: As the T-RAP developed, there were numerous instances early on where one of the programs may have *crashed* and the user provided some sort of error message. Rather that rely upon users providing the message text, an error trapping routine was developed where the actual error message that an user received was written to an Access® database. After examining the error code, the developers then attempted to duplicate the error condition. Once it was duplicated, it became then very easy to correct the deficiency within the software. Table 4 provides a sample listing of some of the received error codes. This system is still in place and provides a measure of the stability of the software. No errors have been noted in the operating code for several months.

Table 4. Extract of Error Trapping Database

User	ErrorString	DTG
phelan	Error in /wincgi/makeru.exe-Couldn't use 'c:\netscape\server\docs\input\database\mtptpsc.mdb'; file already in use. (error #3045)	12/12/96 8:35:07 AM
wam	Error in /wincgi/mapping.exe-Couldn't use 'c:\netscape\server\docs\input\database\mtptpsc.mdb'; file already in use. (error #3045)	12/12/96 8:42:20 AM
phelan -	Error in /wincgi/makeru.exe-Couldn't use 'c:\netscape\server\docs\input\database\mtptpsc.mdb'; file already in use. (error #3045)	12/12/96 8:44:05 AM
wam	Error in /wincgi/updtpta.exe-Couldn't find input table or query ". (error #3078)	12/12/96 12:06:57 PM
wam	Error in /wincgi/ruxs.exe-Couldn't update; currently locked by user 'Admin' on machine 'ORCEN_SERVER'. (error #3260)	12/12/96 12:13:05 PM
phelan	Error in /wincgi/ruxs.exe-Couldn't update; currently locked by user 'Admin' on machine 'ORCEN_SERVER'. (error #3260)	12/12/96 1:36:21 PM
phelan	Error in /wincgi/ruxs.exe-Couldn't find input table or query ". (error #3078)	12/12/96 2:58:28 PM
phelan	Error in /wincgi/ruxs.exe-Couldn't find input table or query ". (error #3078)	12/12/96 2:58:46 PM

SELECT TRAINING AUDIENCE: Once a user receives approval and his account is entered into the web server, he selects the option to *Start a New Session*. After uccessfully logging in to the system, he is presented with a graphical representation of all of the available MTPs. This .gif file is coded as an *ismap* in HTML which maps the listed icons to their appropriate MTPs. If the user does not see the particular training

audience MTP he wishes to work with, he only has to click on any of the open space in order to receive a text listing of all available MTPs from the web server.

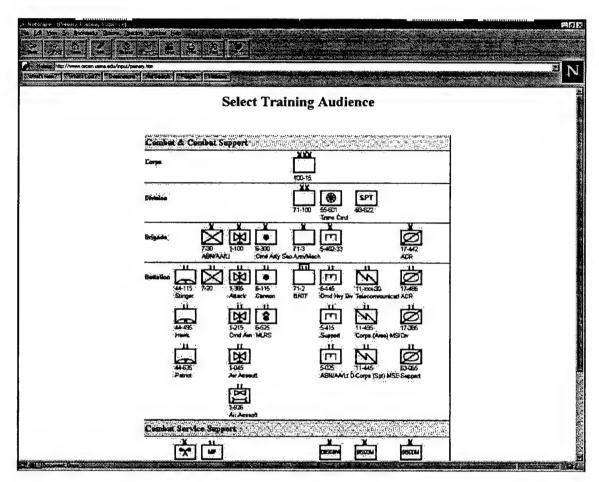


Figure 10. Selection of Training Audience.

SELECT TRAINING AUDIENCE TASKS: The next step in the evaluation process is the selection of those tasks which should be trained within WASIM 2000. Once the user selects any MTP, a CGI program is called that searches the database and extracts any records that match both the logged in user and his selected MTP. The T-RAP then dynamically begins to construct the HTML code and also places a check in any appropriate box indicating that the particular task has been previously selected as appropriate to train within WARSIM. Appendix D provides a listing of the Visual Basic source code that performs this function. These selected tasks are stored in a read/ write

Access® database. Table 5 depicts how the table is written within the system. Note from this table that the task is indexed by both user, MTP and task number. The update column indicates whether on not the user has evaluated that particular task and is used to support navigation between the various modules of the T-RAP.

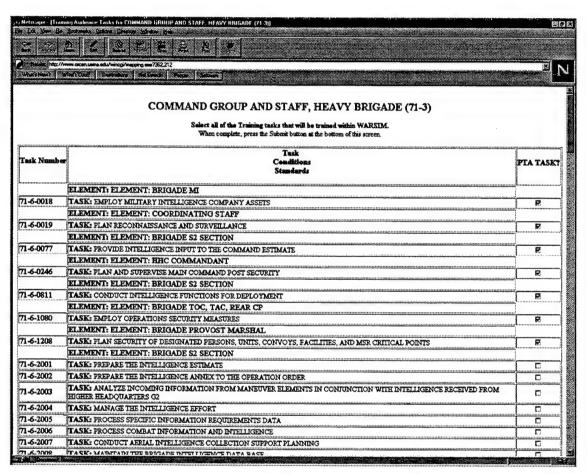


Figure 11. Selection of Training Audience Tasks.

Table 5. Extract of Selection of Training Audience Tasks Database Table

Userld	Session	MTP	Tasknumbe	Update	Rating	COMMENTS
rude	24	DMTP0001	12	yes	0	WARSIM must replicate enemy activity to the fullest extent to maximize training in a peacetime scenario.
rude	24	DMTP0001	8	yes	0	
rude	24	DMTP0001	7	yes	0	Replacement operations is contingent upon accurate personnel status reporting from subordinate echelons and consistent dialogue with higher Hqs S-1 to ensure replacement needs are identified and
						addressed.
rude	24	DMTP0001	6	yes	0	Requires consistent interaction with subordinate commanders and/or company TOCs thru personnel status reports.
rude	24	DMTP0001	2	yes	0	
_ rude	24	DMTP0001	1	yes	0	Successful execution of tasks require accurate & timely reporting from his subordinate elements

EVALUATION OF INDIVIDUAL TRAINING AUDIENCE TASKS: Once a

set of tasks has been selected by a SME, then next step is to evaluate each task at the task step/ performance measure level. The user proceeds past the selection screen and is presented with a subsequent screen that provides a listing of all of the selected tasks and determines which have been previously evaluated and which have yet to be. The user is now forced to evaluate all selected tasks before being allowed to proceed with further

evaluation. In Table 5, a task annotated as Yes is considered evaluated. As a task is evaluated, the browser screen is dynamically updated and the user is provided some feedback as to his responses.

Evaluating each task is initiated by selecting one of the buttons presented on the navigation screen. The T-RAP then sends the user a detailed listing of the selected task to include the task, conditions and standards and all task steps and performance measures. Figures 13 and 14 depict portions of one brigade task, Employ Military Intelligence Company Assets. There are several items that an user must evaluate for this task. The first is to rate how well the WARSIM 2000 simulation will support each of the individual tasks and performance measures for the particular task. The standards that the user uses to rate the task were previously presented in Figure 2. At the same time, the WARSIM developers are also interested in collecting any user comments as to why they may have rated a particular step low. On the right hand side of the screen, the user is also asked to provide some level of detail on the communications methods and products required to support this task. At the bottom of the screen (Figure 13), the user is then asked to provide any task level type comments and to begin to link all Represented or Computer Generated Forces that are required to support this task. Appendix E provides the source code used to populate the screen with the task data and any previously entered user opinions.

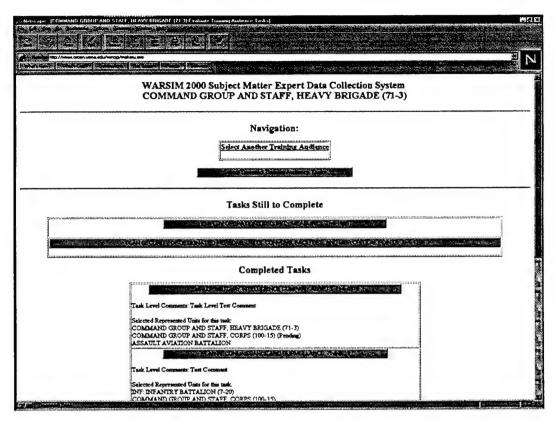


Figure 12. Selection of Training Audience Tasks.

ELEMENT: ELEMENT: BRIGADE MI TASKS; EMPLOY MILITARY INTELLIGENCE COMPANY ASSETS (71-6-001 REMITS) CONDITIONS: The brigade is preparing for or is engaged in combit. The brigade commander has designated the current task enganization. The 52 is located at the main command opt (CP). The main CP is operational. The 53 is developing or has issued an operation optor (CPORD) or operation plan (OPLAN). Some iterations of this task; should be performed in MOPP4. STANDARDS: The minuty sitelificance (MI) company assets are fully used to support operations. Time required to plan and	TPSC TASK STEP PERFORMANCE MEASURE RATINGS Use the Blocks below to rate how well the sinculation will support the individual Steps and Performance Measures of this Task. HIGHLY SUPPORTED (HIGH): The TS/PM can be performed completely. Sufficient case are present within the simulation are accurated to the support of such that the training experience is much the same as it is in a field exvirument. MODERATELY SUPPORTED (MODERATE): "Mast of the TS/PM is supported. Sufficient case are present within the simulation servirument and appropriate responses are supported to permit practice of Command Staff procedures and techniques; However, missing case/ responses will not cause negative training. NOT REQUIRED. "This TS/PM does not need to be supported in the simulation servirument."	Use the comment fields below to describe the Information Products and Delivery Moons required to support the stay measure. Use the following format: Product-Moons Rumple: Overley-MCS. Retinates Fox
* 1. MI company commander integrates MI company nesets and capabilities into all plans and operations.	ſ? ⊞a	
ea. Task organizes and coordinates for space to employ ground survaillance reduct to support the brigada reconnaissance and survaillance plan.	© Moderate* © Not Required* *Comments:	Products=Means
>(1) Adjusts assets to easure pretection from friendly units.	*Consensity:	Products=Mesas
(2) Disperses assets to sustain protection and applies operational security (OPSEC) measures.	C. High C. Moderniz* 6. Not Required* 6.	Products-Messas

Figure 13. Evaluation of Training Audience Tasks.

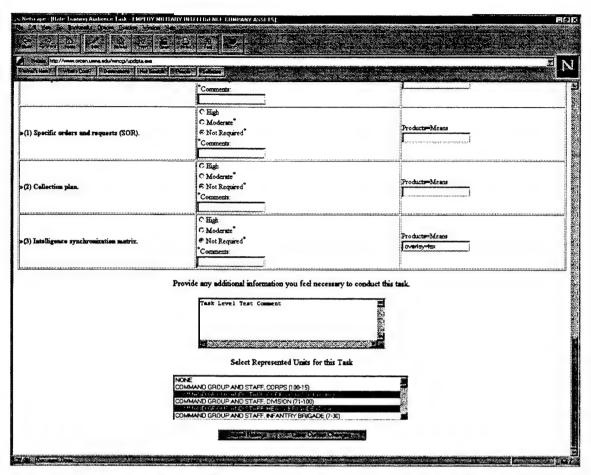


Figure 14. Evaluation of Training Audience Tasks (Continued).

Once the *Submit Ratings* button is selected, three different Access® tables are written to store the data, The fiirst stores the task level comments and the computed TPSC code and an example was previously provided in table 5. Table 6 depicts the second table that is updated which stores the individual task step/ performance measure level user opinions. This table is named in the database for its indexed name from the original linking table (Appendix A). The Visual Basic® Source Code listing for these functions is the same as that which provided the navigation screen for the training audience tasks (Appendix D). However, the screen would now be updated with the newly entered user entries.

Table 6. Extract of Selection of Training Audience Tasks Database Table

USERID	Session	Tasknumber	Stepnumber	PMNumber	Rating	ProdPlpe	Comments
rude	24	1	2	3	high	Unit opnI status/situation reports=FM CMD Net	Actions of subordinate cdrs only
rude	24	1	2	2	high	situation reports=FM CMD Net	Routine situation reports from subordinate companies
rude	24	1	2	1	none		Cdr executes task
rude	24	đ	1	5	none		Cdr executes task
rude	24	1	1	4	none		Staff provides data
rude	24	1	1	3	none		Cdr & Staff perform tasks
rude	24	1	1	2	none		Cdr & Staff conduct MA
rude	24	1	1	1	none		Staff provides input
rude	24	2	2	5	none		XO conducts task
rude	24	2	2	4	high	OPORD/FRAG O=BDE CMD Net	

Table 7 links the training audience task with selected represented units. The update column in this table is also used for navigation in the evaluation of represented units once all training audience tasks have been linked.

Table 7. Extract of Linkage of Training Audience Task to Represented Unit

USERID	Session	MTP	MTP_Task	RU	Update
mcnett	47	D0000077	3	D0000087	No
mcnett	47	D0000077	3	DMTP0002	No
mcnett	47	D0000077	3	D0000084	No
mcnett	47	D0000077	3	D0000081	No
mcnett	47	D0000077	46	D0000217	No
mcnett	47	D0000077	46	DMTP0003	Some
phelan	1317	D0000250	63	D0000083	No
phelan	1317	D0000250	63	D0000082	No

REPRESENTED UNIT STATUS SCREEN: Once all selected Training Audience

Tasks have been evaluated, the T-RAP then allows a SME top move forward and begin to

evaluate previously selected represented units for this training audience. Figure 15

depicts a sample screen that would be presented. The user is then asked to select first the

tasks that the represented unit would have to accomplish in order to support the training audience tasks. Once those tasks are selected, the user then evaluates each of the selected tasks. Figures 16-18 show examples of the screens an user would use to evaluate represented units tasks.

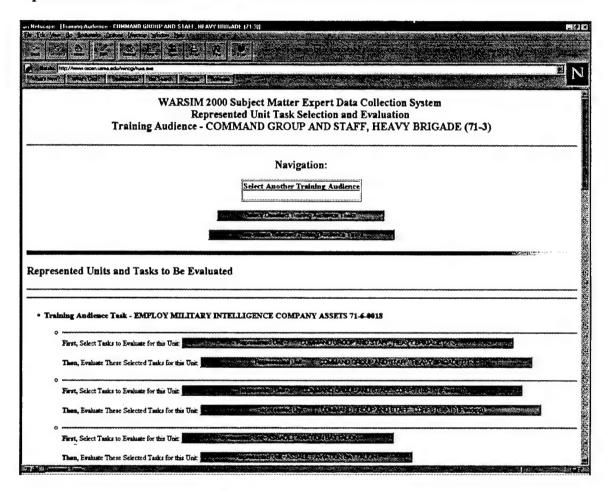


Figure 15. Represented Unit Status Screen.

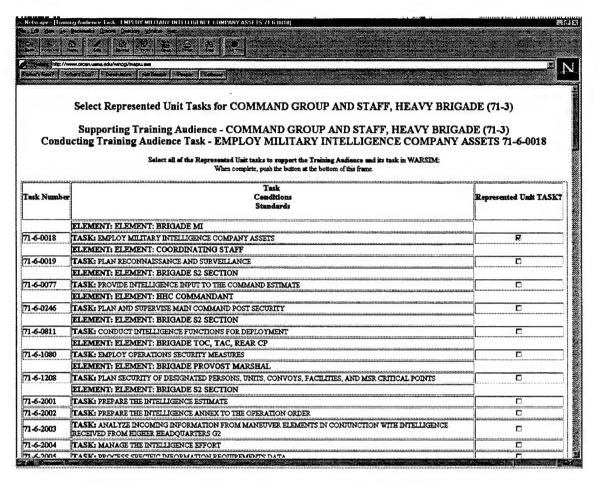


Figure 16. Selection of Represented Unit Tasks Screen.

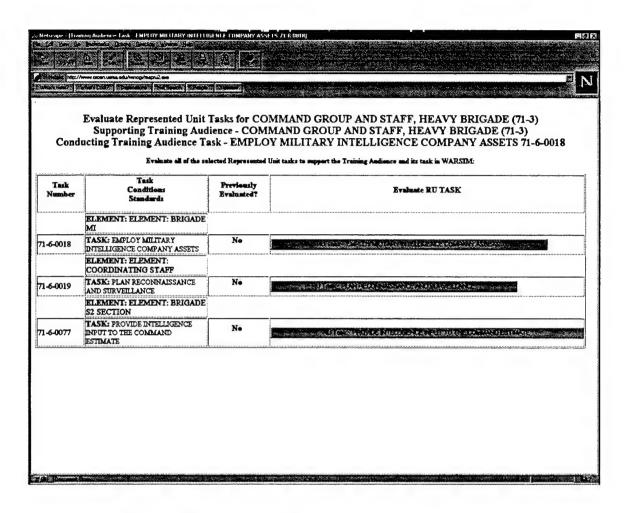


Figure 17. Selection of Represented Unit Tasks Screen

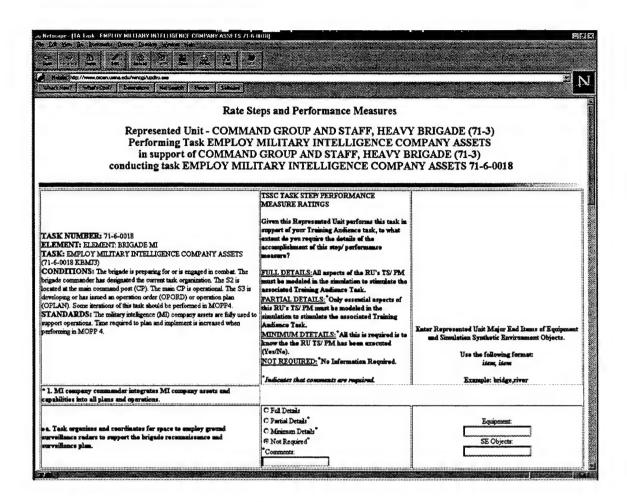


Figure 18. Evaluation of Represented Unit Tasks Screen

In conjunction with the processing of these screens, several tables are updated within the Access® databases to reflect the user's responses. Tables 8 provides an example of the linkages created between training audience tasks and represented unit tasks. Table 9 shows the data collected at the represented unit task level. Note here that now the system is asking the SME to provide input on any synthetic objects and equipment that the simulation must provide the simulated unit in order for it to adequately perform the indicated task. Appendices F through H provide the source code for the selection and evaluation of represented unit tasks and dynamically produce the

source code for Figures 15-18. The methodology used to populate these tables is the same as that for the training audience data.

Table 8. Extract of Linkage of Training Audience Task to Represented Unit Task

USERID	MTP	MTP_Task	RU	RU_Task	Update	TSSC
mcnett	D0000077	3	DMTP0002	14	No	0
mcnett	D0000077	3	DMTP0002	13	No	0
mcnett	D0000077	3	DMTP0002	12	No	0
mcnett	D0000077	46	DMTP0003	72	No	0
mcnett	D0000077	46	DMTP0003	26	No	0
mcnett	D0000077	46	DMTP0003	23	No	0
phelan	D0000250	38	DMTP0003	2	Yes	0
phelan	D0000250	38	DMTP0003	1	Yes	0
phelan	D0000250	38	DMTP0003	84	Yes	0
phelan	D0000250	38	DMTP0003	83	Yes	0

Table 9. Extract of Represented Unit Task Detailed Data

USERIO	MTP	Mir desk	RU_Task	RU Step	RU PM	Retine	Equip Object	Comment
hughesj	D0000239	35	1	6	2	none		
hughesj	D0000239	35	1	6	1	low		That this is done or not.
Hughesj	D0000239	35	1	5	5	med		The early warning needs to be reported to the PTA BN TOC/CP. The report needs to be the standard early warning and air detection report.
hughesj	D0000239	35	1	5	4	low	EWBN System	That this is done or not.
hughesj	D0000239	35	1	5	3	low	FLIR System	That this is done or not.
hughesj	D0000239	35	1	5	2	low		That this is done or not.

7.0 OUTPUT ANALYSIS

One of the many benefits of the design of the T-RAP is that once data begins to populate the database, it is relatively easy using Standard Query Language (SQL) queries to analyze what has been entered. This section describes the design of the query engine which an user can run from the initial login page. It also provides a description of the various query products designed by the T-RAP team to support the WARSIM 2000 requirements process

As the Access® databases became populated with user opinions, the T-RAP developers began to develop a series of queries to extract the entered information and present it to authorized users using the web as the transmission medium. Two Visual Basic® CGI programs were written to create this query engine. The first, dynamically creates an option page for the user. Once the query engine is selected, the program extracts from the database, a listing of all current users, training audiences and represented units. These three lists are presented in HTML multiple select boxes.

Figure 19 provides a screen capture of what the user is presented. The intent is for an user to be able to quickly select a subset of any combination of these three options (user, training audience, represented unit) before selecting any query. Appendix J provides the Visual Basic® source code for the dynamic construction of this screen.

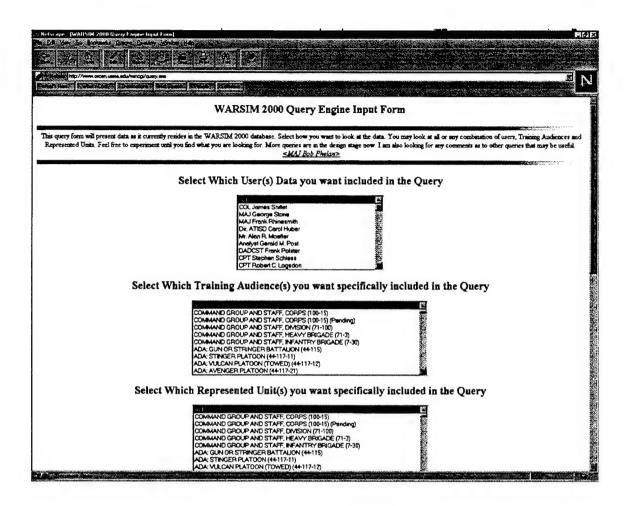


Figure 19. Standard Query Screen

The lower portion of the query page presents the user with approximately 20 standard queries. These queries represent what STRICOM/ NSC as well as the developers felt were important to support the data analysis. Each query is listed and a brief description provided. The queries were designed in Access® using its graphical interface and the resulting SQL code was cut an pasted into the source code which is provided in Appendix K.

 SME Work Status - Provides a management tool which allows users to see progress by individual users.

- TPSCs by SME Individual Query provides option to look at computed TPSC data. With individual comments
- TPSCs by SME All Query provides the user with the ability to combine and compare computed TPSC s
- TA Task to Products and Pipes This query provides a detailed cross reference of all tasks to user entered comments on communications links and products.
- TPSCs ordered by TPSC
- TA Task Companion List Query requested Veda, INC to identify an task step/
 performance measure that was given a rating of 'High'
- TA Task Exclusion List Another query requested by Veda to identify those tasks not required in the requirements process.
- RU frequency by TA Task A cross reference query to identify how many times a
 particular represented unit task was selected to support a training audience task
- RUs by TA Task Another cross reference query identifying represented units to training audience tasks.
- TA frequency by RU Task This query provides the ability to see how often a training audience is supported by a particular represented unit task
- TAs by RU Task Similar query but references to the training audience level only.
- TSSCs by SME TA Task to RU Task Similar to TPSC query but with the added dimension of the relationship of training audience task to represented unit task
- TSSCs by SME RU Task to TA Task Similar to previous but referencing represented unit task to training audience task.

- RU Task frequency by TA Provides a count of how many times a represented unit task was selected to support a particular training audience
- TSSCs All SMEs Ability to see TSSCs rolled up.
- TSSCs All SMEs TA Task to RU Task Combination of queries to see computed
 TSSC code by user related to training audience task.
- TSSCs All SMEs RU Task to TA Task same as previous but indexed on the training audience task
- RU Exclusion List Lists those tasks not necessary within the simulation
- RU Companion List Identifies any represented unit task step/ performance measure that was given a TSSC SME rating of high.

Each of these queries also generate a text based version of the output that an user can download and input into Excel® or Access® for further analysis.

8.0 LESSONS LEARNED

As the T-RAP was developed, it became apparent that the Access® database engine was not robust enough to meet user perfoamance expectations. Also, using CGI placed most of the processing burden on the server with little or no work accomplished by the user platforms. Also, STRICOM realized that the true worth of the T-RAP would be in its ability to merge multiple expert opinions into one concensus for the Army. The developed a combining algorithm for the multiple opinions but it was never implemented in this version of the tool. Their algorithm is included in Appendix L and will be included in the next version.

9.0 CONCLUSIONS AND FUTURE WORK

The initial prototype of T-RAP was quickly developed because of the use of Microsoft® Access® and Visual Basic®. Because there was a desire to complete the initial T-RAP quickly, decisions on implementation methods were made to help us meet the deadlines. The first version of T-RAP was based on the Microsoft® Jet database as the backend. T-RAP had several different databases, each fulfilling different data requirements within T-RAP. The frontend was entirely based on Common Gateway Interfaces (CGI) using Microsoft® Visual Basic® as the development language. All three of these implementation choices led to a rapid development of the tool, but also led to efficiency problems on the server and across the network.

First, the Jet Database engine did not support high levels of concurrency, thus slowing the access to the database at times. Next, four different databases, with multiple tables in each database, forced the CGI applications to open and close several of the databases multiple times within one operation within T-RAP. Lastly, all of the processing was accomplished on the T-RAP server through CGI. The CGI would receive a request from a browser, process the request through the jet database engine, dynamically build the pages, and distribute each "new" page back to the browser. As a result, much of the information being passed to the browser from the web server was formatting information such as HTML formatting tags. This alone created a vast amount of overhead on the network as the page formatting tags started taking up larger percentages of the network traffic than the raw data.

Since June 1997 we have been developing the next iteration of T-RAP. This version has fixed most of the disadvantages of the CGI / jet database T-RAP. This latest

version will be created using Powersoft Corporation's Powerbuilder 5.0 frontend, and SYBASE SQL Server as the backend. With these changes, only raw data and SQL statements are being sent across the network. The actual formatting of this data is handled by the browser using a Powerbuilder plugin. By doing so, the database remains consistent, and users are much happier since the overall application is much more efficient. In addition to making the overall application more efficient and user friendly, we also incorporated additional information in the database to make it easier to modify in the future.

The T-RAP has been a success for both the ORCEN, D/EECS and STRICOM/
NSC It demonstrated an advanced concept in the requirements documentation process
and in our ability to use tools such as this in the future.

10.0 REFERENCES

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- Lockeed Martin, INC. (1996) WARSIM 2000 System Specification, Orlando, FL, STRICOM
- Sherikon, INC. (1995). Task Performance Support Codes,, Technical Report, US Army Simulation Training and Instrumentation Command, Orlando, FL, STRICOM.
- US Army STRICOM, (1997), Operational Requirements Document for Warfighters' Simulation (WARSIM) 2000., Orlando FL, STRICOM.

APPENDIX A - SUPPORTED MISSION TRAINING PLANS

SIMPLIFICATION			
D0000001.dbf	100-15-MTP	5/1/90 CORPS COMMAND GROUP AND STAFF	
D0000999.dbf	100-15-	4/1/97 CORPS COMMAND GROUP AND STAFF (Pending)	
D0000210 dbf	71-100-MTP	5/1/90 DIVISION COMMAND GROUP AND STAFF	en de la companya de
D0000250.dbf	71-3-MTP	10/3/88 HEAVY BRIGADE COMMAND GROUP AND STAFF	
D0000240.dbf	7-30-MTP	2/17/89 INFANTRY BRIGADE (COMMAND GROUP/STAFF)	
D0000192.dbf	44-115-MTP	2/10/92 ADA BATTALION, GUN OR STRINGER	
D0000193.dbf	44-117-11-MTP	2/5/92 ADA PLATOON, STINGER	
D0000194.dbf	44-117-12-MTP	7/13/92 PLATOON, VULCAN (TOWED)	
D0000185.dbf	44-117-21-MTP	6/10/92 AVENGER PLATOON	
D0000195.dbf	44-117-30-MTP	6/5/92 ADA BATTERY, GUN OR STINGER	
D0000196.dbf	44-117-31-MTP	6/15/92 AVENGER BATTERY	
D0000186.dbf	44-445-MTP	4/28/92 ADA BATTALION, CHAPARRAL	
D0000187.dbf	44-447-10-MTP	4/20/92 ADA PLATOON, CHAPARRAL	
D0000188.dbf	44-447-30-MTP	6/18/92 ADA BATTERY, CHAPARRAL	
D0000189.dbf	44-495-MTP	9/3/91 AN ADA BATTALION, HAWK	
D0000190.dbf	44-497-30-MTP	11/20/92 ADA BATTERY, HAWK	
D0000197.dbf	44-635-MTP	9/2/91 ADA BATTALION, PATRIOT	
D0000191.dbf	44-637-30-MTP	9/2/91 ADA BATTERY, PATRIOT	
D0000175.dbf	12-402-MTP	9/30/93 HEADQUARTERS AND HEADQUARTERS DETACHMENT, COMMAND GROUP AND	ENT, COMMAND GROUP AND
		STAFF, PERSONNEL GROUP	
D0000178.dbf	12-426-MTP	5/7/93 PERSONNEL SERVICE BATTALION	
D0000184.dbf	77-004-10-MTP	4/1/88 G1-AG SECTION	
D0000198.dbf	12-113-MTP	7/14/87 DIVISION AND ARMY BAND	
D0000018.dbf	12-606-60-MTP	9/30/93 HEADQUARTERS AND HEADQUARTERS DETACHMENT, COMMAND GROUP AND	ENT, COMMAND GROUP AND
D0000179 dhf	12-606-61-MTP	9/19/90 HEADOLIARTERS AND HEADOLIARTERS DETACHMENT COMMAND GROLIP AND	ENT COMMAND GROUP AND
		STAFF, REPLACEMENT BATTALION/COMPANY [CRC]	
D0000177.dbf	12-413-30-MTP	9/30/93 POSTAL COMPANY (DIRECT SUPPORT/GENERAL SUPPORT)	(UPPORT)
D0000247.dbf	17-442-MTP	9/30/93 ARMORED CALVARY REGIMENT COMMAND GROUP	4
D0000238.dbf	71-2-MTP	10/3/88 TANK AND MECHANIZED INFANTRY BATTALION TASK FORCE	SK FORCE
D0000248.dbf	17-485-MTP	5/7/93 REGIMENTAL ARMORED CAVALRY SQUADRON	
D0000246.dbf	17-385-MTP	6/30/93 DIVISION CAVALRY SQUADRON	
D0000235.dbf	71-1-MTP	10/3/88 TANK AND MECHANIZED INFANTRY COMPANY AND COMPANY TEAM	O COMPANY TEAM
D0000249.dbf	17-487-30-MTP	9/3/91 REGIMENTAL ARMORED CAVALRY TROOP	
DMTP0009.dbf	17-237-10-MTP	7/9/96 Tank Platoon	
D0000230.dbf	17-57-10-MTP	12/27/88 SCOUT PLATOON	
DMTP0008.dbf	17-57-10-MTP	1/1/95 SCOUT PLATOON	

D0000228.dbf	17-236-10-MTP	12/2/87 TAS	12/2/87 TASK FORCE MAINTENANCE PLATOON
D0000229.dbf	17-236-11-MTP	11/25/87 TAS	11/25/87 TASK FORCE SUPPORT PLATOON
D0000244.dbf	17-236-12-MTP	12/2/87 TAS	12/2/87 TASK FORCE MEDICAL PLATOON
D0000081.dbf	1-100-MTP	6/7/90 AVI	6/7/90 AVIATION BRIGADE AND BATTALION
D0000082.dbf	1-100-30-MTP	12/6/91 HEA	12/6/91 HEADQUARTERS AND HEADQUARTERS COMPANY AVIATION BRIGADE AND BATTALION
DMTP0003.dbf	1-045-MTP	10/3/95 Ass	10/3/95 Assault Aviation Battalion
DMTP0005.dbf	1-215-MTP	1/29/96 Com	1/29/96 Command Aviation Battalion
DMTP0001.dbf	1-385-MTP	10/3/95 Attac	10/3/95 Attack Helicopter Battation
DMTP0004.dbf	1-425-MTP	4/5/96 Air T	4/5/96 Air Traffic Control Battalion
D0000224.dbf	1-947-30-MTP	6/21/91 AVI/ SUP	6/21/91 AVIATION INTERMEDIATE MAINTENANCE (AVIM) COMPANY/BATTALION, CORPS SUPPORT COMMAND (COSCOM), AND THEATER AREA ARMY COMD (TAACOM)
D0000222.dbf	1-946-MTP	1/8/92 BN H SUP	BN HQ, AVIATION INTERMEDIATE MAINTENANCE (AVIM) BATTALION, CORPS SUPPORT COMMAND (COSCOM); AND THEATER ARMY AREA COMMAND (TAACOM)
D00000085.dbf	1-187-30-MTP	5/18/89 ATT.	5/18/89 ATTACK HELICOPTER COMPANY
D00000083.dbf	1-103-30-MTP	8/18/89 ASS	8/18/89 ASSAULT HELICOPTER COMPANY
D0000088.dbf	1-247-30-MTP	10/19/89 MEC	10/19/89 MEDIUM HELICOPTER COMPANY
D0000084.dbf	1-108-30-MTP	5/30/89 AIR	5/30/89 AIR CAVALRY/RECONNAISSANCE TROOP
DMTP0002.dbf	1-167-30-MTP	10/3/95 Air F	10/3/95 Air Reconnalssance Troop
D00000086.dbf	1-217-30-MTP	9/30/93 CON	9/30/93 COMMAND/THEATER AVIATION COMPANY
D0000217.dbf	1-129-30-MTP	1/8/90 AVN	1/8/90 AVN UNIT MAINT (AVUM) CO COMBAT AVN BN AND THE AVN UNIT MAINT (AVUM) TROOP REGIMENTAL COMBAT AVN SQUADBON
D0000223.dbf	1-946-30-MTP	1/30/92 HEA	1/30/92 HEADQUARTERS AND HEADQUARTERS DETACHMENT, AVIATION INTERMEDIATE
			MAINTENANCE (AVIM) BATTALION, COSCOM/TAACOM
D0000218.dbf	1-926-MTP	6/20/91 BAT DIVI	BATTALION HEADQUARTERS, AVIATION MAINTENANCE BATTALION, AIR ASSAULT DIVISION
D0000219.dbf	1-926-30-MTP	3/29/90 HEA	3/29/90 HEADQUARTERS, HEADQUARTERS AND SUPPLY COMPANY, AVIATION MAINTENANCE BATTALION AIR ASSAULT DIVISION
D0000220.dbf	1-927-30-MTP	9/5/90 AVI	9/5/90 AVIATION INTERMEDIATE MAINTENANCE (AVIM) COMPANY AVIATION MAINTENANCE BATTALION AIR ASSAULT DIVISION
D0000221.dbf	1-933-30-MTP	9/13/89 AVI/ CON	9/13/89 AVIATION INTERMEDIATE MAINTENANCE (AVIM) COMPANY, DIVISION SUPPORT COMMAND (DISCOM)
D0000087.dbf	1-227-10-MTP	4/16/88 AIR	4/16/88 AIR TRAFFIC CONTROL PLATOON
D0000089.dbf	1-427-10-MTP	3/8/94 AIR	3/8/94 AIR TRAFFIC SERVICES EN ROUTE CONTROL PLATOON
D0000068.dbf	41-705-MTP	3/22/92 CIVI	3/22/92 CIVIL AFFAIRS BATTALION (GP)
D0000069.dbf	41-707-30-MTP	3/19/93 DET	3/19/93 DETACHMENT (GENERAL SUPPORT), CIVIL AFFAIRS BATTALION (GP)
D00000070.dbf	41-715-MTP	4/20/92 CIVI	4/20/92 CIVIL AFFAIRS BATTALION (FID/UW)
D0000067.dbf	41-701-30-MTP	3/22/92 HEA	3/22/92 HEADQUARTERS AND HEADQUARTERS COMPANY, CIVIL AFFAIRS COMMAND
D0000037.dbf	5-145-MTP	9/30/92 HEA	9/30/92 HEADQUARTERS AND HEADQUARTERS COMPANY, ENGINEER BATTALION, HEAVY DIVISION/CORPS
D0000039.dbf	5-415-MTP	9/30/91 HEADQ HEAVY	9/30/91 HEADQUARTERS AND SUPPORT COMPANY, ENGINEER BATTALION (COMBAT HEAVY)
D0000011.dbf	5-025-MTP	9/30/92 HHC	9/30/92 HHC, ENGINEER SUPPORT BATTALION
D0000017.dbf	5-605-MTP	6/15/92 HEA	6/15/92 HEADQUARTERS AND HEADQUARTERS COMPANY

D0000013.dbf	5-145-31-MTP	2/17/89 ENGINEER COMPANY, HEAVY DIVI	2/17/89 ENGINEER COMPANY, HEAVY DIVISION/CORPS/ARMORED CAVALRY REGIMENT
D0000036.dbf	5-025-31-MTP	10/18/89 COMBAT ENGINEER COMPANY, (Al DIVISION AND AIRBORNE CORPS	10/18/89 COMBAT ENGINEER COMPANY, (AIRBORNE/LIGHT/AIR ASSAULT/MOTORIZED DIVISION AND AIRBORNE CORPS
D0000016.dbf	5-415-31-MTP	9/30/91 ENGINEER COMPANY, ENGINEER BATTALION (COMBAT HEAVY)	BATTALION (COMBAT HEAVY)
D0000038.dbf	5-145-32-MTP	'7/19/91 ENGINEER BRIDGE COMPANY	
D0000232.dbf	5-145-11-MTP	2/1/89 COMBAT ENGINEER PLATOON, HE REGIMENT	COMBAT ENGINEER PLATOON, HEAVY DIVISION/CORPS/ARMORED CAVALRY REGIMENT
D0000231.dbf	5-025-11-MTP	10/18/89 COMBAT ENGINEER PLATOON, (AII DIVISION AND AIRBORNE CORPS)	COMBAT ENGINEER PLATOON, (AIRBORNE/LIGHT/AIR ASSAULT/MOTORIZED DIVISION AND AIRBORNE CORPS)
D0000012.dbf	5-145-12-MTP	7/19/91 ENGINEER BRIDGE PLATOON	ACCOMPANYA GEORGEOGRAPHICO CONTRACTOR CONTRA
D0000014.dbf	5-415-13-MTP	9/30/91 ENGINEER EQUIPMENT PLATOONS	3
D0000233.dbf	5-415-14-MTP	9/30/91 ENGINEER MAINTENANCE PLATOONS	SNC
D0000015.dbf	5-415-17-MTP	9/30/91 ENGINEER CONSTRUCTION PLATOONS	SONS
D0000040.dbf	5-423-11-MTP	9/30/91 ENGINEER DUMP TRUCK PLATOON	N
D0000234.dbf	5-605-11-MTP	6/15/92 ENGINEER TOPOGRAPHIC PLATOONS/DETACHMENTS	DNS/DETACHMENTS
D0000253.dbf	6-115-20-MTP	1/24/90 FIELD ARTILLERY CANNON BATTALION FIRE SUPPORT	LION FIRE SUPPORT
D0000252.dbf	6-115-MTP	11/23/90 FA CANNON BATTALION HEADQUARTERS AND HEADQUARTERS BATTERY HEADQUARTERS, DR SERVICE	FA CANNON BATTALION HEADQUARTERS AND HEADQUARTERS BATTERY; HEADQUARTERS, HEADQUARTERS AND SERVICE BATTERY; OR SERVICE BATTERY
D0000257.dbf	6-525-MTP	1/11/90 FIELD ARTILLERY MULTIPLE LAUNCH ROCKET SYSTEM BATTALION	CH ROCKET SYSTEM BATTALION
D0000251.dbf	6-037-30-MTP	3/28/89 CANNON FIRING BATTERY 155-MM	
D0000170.dbf	6-127-30-MTP	1/24/90 CANNON FIRING BATTERY 105-MM, TOWED	, TOWED
D0000254.dbf	6-167-30-MTP	1/24/90 CANNON FIRING BATTERY (3 x 6), 155-MM, TOWED, M198/M114	155-MM, TOWED, M198/M114
D0000173.dbf	6-397-30-MTP	11/20/90 CANNON FIRING BATTERY 8-INCH, SELF-PROPELLED	SELF-PROPELLED
D0000172.dbf	6-367-30-MTP	11/20/90 FIELD ARTILLERY CANNON BATTERY (3X8) BATTERY ADMINISTRATION AND LOGISTICS	RY (3X8) BATTERY ADMINISTRATION AND
D0000174.dbf	6-398-30-MTP	7/8/89 FIELD ARTILLERY MULTIPLE LAUNCH ROCKET SYSTEM BATTERN	CH ROCKET SYSTEM BATTERY
D0000171.dbf	6-303-30-MTP	12/6/91 FA TARGET ACQUISITION BATTERY AND THE CORPS TARGET ACQUISITION	Y AND THE CORPS TARGET ACQUISITION
D0000255.dbf	6-367-20-MTP	12/20/90 FIELD ARTILLERY CANNON BATTER	FIELD ARTILLERY CANNON BATTERY FIRING PLATOON 155-MM, SELF PROPELLED AND TOWED
D0000256.dbf	6-447-20-MTP	12/20/90 FA CANNON BATTERY FIRING PLATOON 8-INCH, SELF PROPELLED	TOON 8-INCH, SELF PROPELLED
D0000183.dbf	14-612-MTP	9/25/90 THEATER FINANCE COMMAND	
D0000180.dbf	14-412-MTP	7/3/89 FINANCE GROUP (FG)	
D0000182.dbf	14-426-MTP	5/7/93 FINANCE BATTALION	
D0000181.dbf	14-423-30-MTP	9/29/94 FINANCE DETACHMENT	
D0000239.dbf	7-20-MTP	12/27/88 INFANTRY BATTALION	
D0000227.dbf	7-94-MTP	10/12/89 INFANTRY BATTALION HEADQUARTERS AND HEADQUARTEF COMBAT SUPPORT/COMBAT SERVICE SUPPORT PLATOONS	10/12/89 INFANTRY BATTALION HEADQUARTERS AND HEADQUARTERS COMPANY AND COMBAT SUPPORT/COMBAT SERVICE SUPPORT PLATOONS
D0000237.dbf	7-10-MTP	10/3/88 INFANTRY RIFLE COMPANY	
D0000243.dbf	7-91-MTP	10/12/89 ANTIARMOR COMPANY/PLATOON/SECTION	SECTION
D0000226.dbf	7-93-MTP	12/27/88 LONG-RANGE SURVEILLANCE COMPANY/DETACHMENT TEAM (HVY/LT)	APANY/DETACHMENT TEAM (HVY/LT)
D0000241.dbf	7-8-MTP	9/30/88 INFANTRY RIFLE PLATOON AND SQUAD	DUAD
DMTP0006.dbf	7-8-94-MTP	1/1/95 Infantry Rifle Platton and Squad	

DOMON242 dhf	7-90-MTP	1/8/89 INFANTRY MORTAR PLATOON SECTION AND SOLIAD
D0000225.dbf		3/16/89 INFANTRY SCOUT PLATOON/SQUAD AND SNIPER TEAM
D0000114.dbf	8-611-MTP	10/1/93 HEADQUARTERS, MEDICAL COMMAND
D0000135.dbf	8-422-MTP	3/20/92 HEADQUARTERS, MEDICAL BRIGADE
D0000213.dbf	8-422-30-MTP	11/17/93 HEADQUARTERS COMPANY
D0000136.dbf	8-432-MTP	11/17/93 HEADQUARTERS MEDICAL GROUP
D0000214.dbf	8-456-MTP	9/30/93 HEADQUARTERS AREA SUPPORT MEDICAL BATTALION
D0000143.dbf	8-446-MTP	9/20/94 MEDICAL EVACUATION BATTALION HEADQUARTERS
D0000144.dbf	8-446-30-MTP	11/19/93 HEADQUARTERS DETACHMENT, MEDICAL EVACUATION BATTALION
D0000139.dbf	8-475-MTP	9/30/91 MEDICAL BATTALION HEADQUARTERS (DENTAL SERVICE)
D0000215.dbf	8-485-MTP	9/30/93 HEADQUARTERS MEDICAL BATTALION, LOGISTICS (FORWARD AND REAR)
D0000149.dbf	8-XXX-30-MTP	4/30/94 COMMON COMPANY TASKS - MEDICAL
D0000211.dbf	8-028-30-MTP	8/25/92 AEROMEDICAL EVACUATION UNITS
D0000112.dbf	8-409-MTP	6/4/93 MEDICAL DETACHMENT, VETERINARY SERVICE HEADQUARTERS
D0000134.dbf	8-057-30-MTP	3/18/92 MEDICAL COMPANY MAIN SUPPORT BATTALION HEAVY DIVISION
D0000212.dbf	8-058-30-MTP	9/24/93 MEDICAL COMPANY, FORWARD SUPPORT BATTALION, SUPPORT COMMAND, HEAVY DIVISION
D0000142.dbf	8-417-30-MTP	11/1/93 MEDICAL DETACHMENT
D0000092.dbf	8-418-30-MTP	11/1/93 MEDICAL DETACHMENT, VETERINARY MEDICINE
D0000093.dbf	8-437-30-MTP	9/30/93 MEDICAL CO, SUPPORT BN, HEAVY SEPARATE BRIGADE/SEPARATE INFANTRY BRIGADE, AND MEDICAL TROOP, SUPPORT SOLIADRON, ARMORED CAVALRY REG
D0000094.dbf	8-449-30-MTP	2/25/92 MEDICAL COMPANY GROUND AMBULANCE
D0000113.dbf	8-456-30-MTP	11/1/93 SUPPORT COMPANY, AREA SUPPORT MEDICAL BATTALION
D0000137.dbf	8-457-30-MTP	4/14/93 AREA SUPPORT MEDICAL COMPANY (ASMC)
D0000145.dbf	8-458-30-MTP	6/4/93 MEDICAL COMPANY (HOLDING)
D0000138.dbf	8-467-30-MTP	11/30/90 MEDICAL COMPANY OR DETACHMENT COMBAT STRESS CONTROL
D0000095.dbf	8-476-30-MTP	5/22/91 HEADQUARTERS AND HEADQUARTERS DETACHMENT (DENTAL SERVICE), MEDICAL BATTALION (DENTAL SERVICE)
D0000146.dbf	8-478-30-MTP	4/30/91 MEDICAL COMPANY/DETACHMENT (DENTAL SERVICE)
D0000147.dbf	8-487-30-MTP	5/15/91 LOGISTICS SUPPORT COMPANY/DETACHMENT AND DISTRIBUTION COMPANY (FORWARD) AND (REAR)
D0000140.dbf	8-498-30-MTP	4/14/93 MEDICAL DETACHMENT, PREVENTIVE MEDICINE (ENTOMOLOGY) AND MEDICAL DETACHMENT, PREVENTIVE MEDICINE (SANITATION)
D0000148.dbf	8-667-30-MTP	3/10/93 AREA MEDICAL LABORATORY
D0000096.dbf	8-705-MTP	9/30/91 COMBAT SUPPORT HOSPITAL
D00000097.dbf	8-715-MTP	11/19/93 FIELD HOSPITAL
D0000216.dbf	8-725-MTP	577/93 GENERAL HOSPITAL
D0000141.dbf	8-765-30-MTP	12/9/31 MOBILE ARMY SURGICAL HOSPITAL (MASH)
D0000115.dbf	8-897-MTP	10/1/93 MEDICAL CENTER (THEATER MATERIEL MANAGEMENT)
D0000045.dbf	34-196-30-MTP	6/16/89 HEADQUARTERS COMPANY MILITARY INTELLIGENCE BRIGADE OR BATTALION
D0000046.dbf	34-268-15-MTP	9/30/91 GROUND SURVEILLANCE PLATOON INTELLIGENCE AND SURVEILLANCE COMPANY MILITARY INTELLIGENCE BATTALION
D0000047.dbf	34-296-10-MTP	12/20/90 MILITARY INTELLIGENCE COMBAT SERVICE SUPPORT UNITS

D0000044.dbf	34-10-20-1/2	12/14/92 MILITARY INTELLIGENCE COLLECTIVE TRAINING STANDARDS DOCUMENT VOLUME I & II	STANDARDS DOCUMENT VOLUME
D0000108.dbf	19-472-MTP	9/19/90 HEADQUARTERS AND HEADQUARTERS COMPANY, MILITARY POLICE BRIGADE CORPS OR TAACOM	NY, MILITARY POLICE BRIGADE
D0000109.dbf	19-476-MTP	3/29/90 HEADQUARTERS AND HEADQUARTERS DETACHMENT, MILITARY POLICE BATTALION	HMENT, MILITARY POLICE
D0000106.dbf	19-17-30-MTP	10/3/88 DIVISION MILITARY POLICE COMPANY HEADQUARTERS/PROVOST MARSHAL STAFF	ARTERS/PROVOST MARSHAL STAFF
D0000111.dbf	19-77-30-MTP	2/17/89 MILITARY POLICE COMPANY (COMBAT SUPPORT	£
D0000107.dbf	19-283-30-MTP	6/30/92 MILITARY POLICE DETACHMENT (CID) DIVISION SUPPORT ELEMENT CORPS/THEATER/PORT AREA SUPPORT ELEMENTS	SUPPORT ELEMENT NTS
D0000110.dbf	19-77-10-MTP	9/30/87 CORPS MILITARY POLICE PLATOON	
D0000125.dbf	3-116-MTP	10/23/90 CHEMICAL BRIGADE OR BATTALION	
	3-257-30-MTP	12/27/88 Chemical Company Headquarters (ALL)	
	3-7-10-MTP	1/30/90 MECHANIZED SMOKE PLATOON	
D0000130.dbf	3-447-10-MTP	7/26/91 MOTORIZED SMOKE PLATOON	
D0000133.dbf	3-7-11-MTP	12/27/88 FUEL SUPPLY PLATOON	ламения под
D0000127.dbf	3-207-10-MTP	10/23/89 NBC RECONNAISSANCE PLATOON	
D0000129.dbf	3-417-10-MTP	2/25/92 DECONTAMINATION PLATOON	
D0000131.dbf	3-457-10-MTP	9/30/92 SMOKE/DECONTAMINATION PLATOON	
D0000126.dbf	3-117-40-MTP	10/3/88 CHEMICAL SECTION AND NBC CENTER	
D0000202.dbf	9-062-MTP	7/13/90 HEADQUARTERS, ORDNANCE GROUP, CONVENTIONAL AMMUNITION, DIRECT SUPPORT/GENERAL SUPPORT	TIONAL AMMUNITION, DIRECT
D0000209.dbf	9-686-MTP	8/8/91 HEADQUARTERS, ORDNANCE BATTALION, AMMUNITION	UNITION
D0000205.dbf	9-066-MTP	7/13/90 HEADQUARTERS, ORDNANCE BATTALION, CONVENTIONAL AMMUNITION, DIRECT SUPPORT/GENERAL SUPPORT	VENTIONAL AMMUNITION, DIRECT
D0000207.dbf	9-527-MTP	9/8/93 ORDNANCE DETACHMENT, EXPLOSIVE ORDNANCE DISPOSAL CONTROL TEAM	NCE DISPOSAL CONTROL TEAM
D0000203.dbf	9-062-30-MTP	9/11/90 HEADQUARTERS COMPANY	
D0000204.dbf	9-064-30-MTP	9/11/90 ORDNANCE COMPANY, CONVENTIONAL AMMUNITION, DIRECT SUPPORT/GENERAL SUPPORT	IITION, DIRECT SUPPORT/GENERAL
D0000201.dbf	9-008-30-MTP	2/6/90 ORDNANCE MISSILE SUPPORT COMPANY, MAIN SUPPORT BATTALION, HEAVY DIVISION	I SUPPORT BATTALION, HEAVY
D0000206.dbf	9-483-30-MTP	6/15/92 ORDNANCE COMPANY, AMMUNITION, DIRECT SUPPORT, MANEUVER-ORIENTED AMMUNITION DISTRIBUTION SYSTEM	UPPORT, MANEUVER-ORIENTED
D0000008.dbf	43-436-MTP	11/16/90 BATTALION HEADQUARTERS, ORDNANCE (MAINTENANCE) BATTALION CSG/TAACOM	ITENANCE) BATTALION,
D0000003.dbf	43-056-MTP	577/93 BATTALION HEADQUARTERS ORDNANCE (MAINTENANCE) BATTALION AIRBORNE/AIR ASSAULT DIVISION	TENANCE) BATTALION
D0000005.dbf	43-146-MTP	8/29/89 BATTALION HQ, HQ AND MAIN SUPPORT COMPANY, ORDNANCE (MAINTENANCE) BATTALION, SUPORT COMMAND, LIGHT INFANTRY DIVISION	ANY, ORDNANCE (MAINTENANCE) RY DIVISION
D0000002.dbf	43-007-30-MTP	6/8/89 LIGHT ORDNANCE (MAINTENANCE) COMPANY, MAIN SUPPORT BATTALION, HEAVY DIVISION	MAIN SUPPORT BATTALION, HEAVY
D0000019.dbf	43-008-30-MTP	6/8/89 HEAVY ORDNANCE (MAINTENANCE) COMPANY, MAIN SUPPORT BATTALION, HEAVY DIVISION	MAIN SUPPORT BATTALION, HEAVY

D0000020.dbf	43-009-30-MTP	68/8/9	6/8/89 ORDNANCE (MAINTENANCE) COMPANY, FORWARD SUPPORT BATTALION, HEAVY
D0000021.dbf	43-056-30-MTP	11/7/89	HEADQUARTERS AND LIGHT ORDNANCE (MAINTENANCE) BATTALION AIRBORNE/AIR ASSAULT DIVISION
D0000022.dbf	43-057-30-MTP	11/7/89	FORWARD SUPPORT MAINTENANCE COMPANY, ORDNANCE (MAINTENANCE) BATTALION, AIRBORNE/AIR ASSAULT/LIGHT INFANTRY DIVISION
D0000004.dbf	43-058-30-MTP	2/13/90	HEAVY ORDNANCE (MAINTENANCE) COMPANY, ORDNANCE (MAINTENANCE) BATTALION, AIRBORNE/AIR ASSAULT DIVISION
D0000023.dbf	43-079-30-MTP	6/3/91	ORDNANCE (MAINTENANCE) COMPANY, SUPPORT BATTALION, SEPARATE INFANTRY BRIGADE AND HEAVY SEPARATE BRIGADE
D0000006.dbf	43-146-30-MTP	8/29/89	HEADQUARTERS AND MAIN SUPPORT COMPANY, ORDNANCE (MAINTENANCE) BATTALION. SUPCORT COMMAND. LIGHT INFANTRY DIVISION
D0000024.dbf	43-187-30-MTP	6/3/91	ORDNANCE (MAINTENANCE) TROOP, SUPPORT SQUADRON, ARMORED CAVALRY REGIMENT (ACR)
D0000007.dbf	43-209-30-MTP	10/25/90	ORDNANCE (MAINTENANCE) COMPANY, NON-DIVISIONAL, DIRECT SUPPORT (DS), CSG/TAACOM
D0000025.dbf	43-436-30-MTP	11/16/90	HEADQUARTERS DETACHMENT, ORDNANCE (MAINTENANCE) BATTALION, CSG/TAACOM
D0000009.dbf	43-607-30-MTP	11/28/91	ORDNANCE (MAINTENANCE) COMPANY, DIRECT SUPPORT, PATRIOT BRIGADE SUPPORT ELEMENT, AIR DEFENSE SUPPORT COMMAND, THEATER ARMY
D0000010.dbf	43-637-30-MTP	11/16/90	ORDNANCE (MAINTENANCE) COMPANY, LIGHT EQUIPMENT (LEMCO) AND HEAVY EQUIPMENT (HEMCO) GENERAL SUPPORT (GS), TAACOM
D0000026.dbf	43-649-30-MTP	1/22/93	ORDNANCE (MAINTENANE) COMPANY, GENERAL SUPPORT
D0000208.dbf	9-527-30-MTP	9/2/93	9/2/93 ORDNANCE DETACHMENT, EXPLOSIVE ORDNANCE DISPOSAL
D0000199.dbf	45-413-30-MTP	9/24/90	9/24/90 MOBILE PUBLIC AFFAIRS DETACHMENT
D0000200.dbf	45-500-10-MTP	9/24/90	9/24/90 PUBLIC AFFAIRS TEAM (PAT)
D0000152.dbf	10-602-MTP	9/22/93	9/22/93 HEADQUARTERS AND HEADQUARTERS COMPANY, PETROLEUM GROUP
D0000117.dbf	10-416-MIP	9/22/93	9/22/83 QUARTERMASTER BATTALION (PETROLEUM PIPELINE AND TERMINAL OPERATING)
D0000118.dbf	10-416-30-MTP	10/27/93	10/27/93 HEADQUARTERS & HQ COMPANY, PETROLEUM GROUP & HQ & HQ CO, QUARTERMASTER BATTALION (PETROLEUM PIPELINE & TERMINAL OPERATING)
D0000027.dbf	10-426-MTP	6/30/63	9/30/93 PETROLEUM SUPPLY BATTALION
D0000119.dbf	10-426-30-MTP	10/27/93	10/27/93 HEADQUARTERS AND HEADQUARTERS DETACHMENT PETROLEUM SUPPLY BATTALION
D0000122.dbf	10-466-MTP	9/16/91	HEADQUARTERS
D0000116.dbf	10-337-30-MTP	12/11/90	QUARTERMASTER AIRDROP EQUIPMENT SUPPORT COMPANY, SUPPLY AND TRANSPORT BATTALION, AIRBORNE DIVISION
D0000124.dbf	10-417-30-MTP	10/27/93	10/27/93 QUARTERMASTER PETROLEUM PIPELINE AND TERMINAL OPERATING COMPANY
D0000120.dbf	10-427-30-MTP	6/30/63	9/30/93 PETROLEUM SUPPLY COMPANY
D0000121.dbf	10-443-30-MTP	9/22/93	9/22/93 QUARTERMASTER HEAVY/LIGHT AIRDROP SUPPLY COMPANY QM AIRDROP SUPPLY DET QM PARACHUTE PACKING/PARACHUTE REPAIR DET
D0000150.dbf	10-449-30-MTP	10/12/93	10/12/93 AIRDROP EQUIPMENT REPAIR AND SUPPLY COMPANY OR DETACHMENT
D0000028.dbf	10-466-30-MTP	9/16/91	9/16/91 HEADQUARTERS DETACHMENT, QUARTERMASTER BATTALION (WATER SUPPLY)
D0000151.dbf	10-468-30-MTP	9/16/91	9/16/91 QUARTERMASTER CO (WATER SUPPLY) (DS/GS) TACTICAL WATER DIST TEAM (HOSELINE) AND WATER PURIFICATION TEAM (BARGE-MOUNTED ROWPU)

	10-469-30-MIP	9/13/91	9/13/91 QUARTERMASTER WATER PURIFICATION DETACHMENT (GS) and QUARTERMASTER WATER DIRECTION TEAM (12000 GHP)
D0000030.dbf	42-26-MTP	3/29/90	3/29/90 BATTALION HEADQUARTERS, SUPPLY AND TRANSPORT BATTALION, LIGHT INFANTRY, AIRBORNE AND AIR ASSAULT DIVISIONS
D0000035.dbf	42-446-MTP	12/8/92	12/8/92 BATTALION HEADQUARTERS SUPPLY AND SERVICES BATTALION
D0000168.dbf	11-447-30-MTP	11/20/90	11/20/90 BATTALION HEADQUARTERS, SUPPLY AND TRANSPORT BATTALION, LIGHT INFANTRY, AIRBORNE AND AIR ASSAULT DIVISIONS
D0000153.dbf	42-004-30-MTP	2/17/89	2/17/89 SUPPLY COMPANY, FORWARD SUPPORT BATTALION, ARMORED AND MECHANIZED DIVISION
	42-007-30-MTP	2/17/89	2/17/89 SUPPLY AND SERVICE COMPANY, MAIN SUPPORT BATTALION, HEAVY DIVISION
	42-026-30-MTP	06/8/8	8/8/90 SUPPLY COMPANY, SUPPLY AND TRANSPORT BATTALION, LIGHT INFANTRY, AIRBORNE AND AIR ASSAULT DIVISIONS
D0000155.dbf	42-027-30-MTP	12/11/90	12/11/90 FORWARD SUPPLY COMPANY, SUPPLY AND TRANSPORT BATTALION, LIGHT INFANTRY, AIRBORNE AND AIR ASSAULT DIVISIONS
D0000156.dbf	42-077-30-MTP	5/13/91	5/13/91 SPLY AND TRNSPRT CO, SPRT BN, HVY SEPARATE BDE OR SEPARATE INF BDE OR THEATER DFNSIVE BDE AND SPLY AND TRNSPRT TROOP, SPRT SQDN ARMD CAV REG
D0000031.dbf	42-414-30-MTP	3/29/90	3/29/90 QUARTERMASTER FIELD SERVICE COMPANY (DS), CORPS SUPPORT BATTALION OR SUPPLY AND SERVICES BATTALION (FINAL DRAFT)
D0000032.dbf	42-418-30-MTP	12/8/92	12/8/92 QUARTERMASTER SUPPLY COMPANY (GS), SUPPLY AND SERVICES BATTALION
D0000033.dbf	42-419-30-MTP	12/8/92	12/8/92 QUARTERMASTER REPAIR PARTS SUPPLY COMPANY (GS), SUPPLY AND SERVICES BATTALION
D0000034.dbf	42-427-30-MTP	12/8/92	12/8/92 QUARTERMASTER HEAVY MATERIEL SUPPLY COMPANY (GS), SUPPLY AND SERVICES BATTALION
D0000157.dbf	42-446-30-MTP	12/8/92	12/8/92 HEADQUARTERS DETACHMENT SUPPLY AND SERVICES BATTALION
D0000158.dbf	42-447-30-MTP	12/8/92	12/8/92 QUARTERMASTER SUPPLY COMPANY (DS), CORPS SUPPORT BATTALION OR SUPPLY AND SERVICES BATTALION
DSIG0001.dbf	11-1-MTP	12/1/96	12/1/96 Echelon Corps & Below (Signal), and Battalion and Brigade Commander's Battle Task
D0000098.dbf	11-435-MTP	11/20/90	11/20/90 CORPS AREA SIGNAL BATTALION (MSE)
D0000100.dbf		11/20/90	11/20/90 CORPS SUPPORT SIGNAL BATTALION (MSE)
D0000105.dbf	11-XXX-30-MTP	3/16/94	3/16/94 SIGNAL TELECOMMUNICATIONS BATTALION (AREA)
D0000009.dbf	11-437-10-MTP	11/20/90	1/20/90 COMPANIES AND PLATOONS OF THE CORPS AREA SIGNAL BATTALION (MSE)
D0000101.dbf	11-47-10-MTP	9/30/87	9/30/87 COMMAND SIGNAL CENTER PLATOON COMMAND COMMUNICATIONS COMPANY SIGNAL BATTALION LIGHT DIVISION
D0000102.dbf	11-47-11-MTP	9/30/87	9/30/87 COMMAND COMMUNICATIONS SUPPORT PLATOON, COMMAND COMMUNICATIONS COMPANY, SIGNAL BATTALION, LIGHT DIVISION
D0000169.dbf	11-47-13-MTP	9/30/87	9/30/87 DIVISION SUPPORT COMMAND OPERATIONS PLATOON, COMMAND COMMUNICATIONS COMPANY, SIGNAL BATTALION, LIGHT DIVISION
D0000236.dbf	11-47-20-MTP	9/30/87	TACTICAL COMMAND POST SECTION, COMMAND OPERATIONS COMPANY, SIGNAL BATTALION, LIGHT DIVISION
D0000103.dbf	11-48-10-MTP	9/30/87	9/30/87 FORWARD AREA SIGNAL CENTER PLATOON, SIGNAL SUPPORT COMPANY, SIGNAL BATTALION LIGHT DIVISION
D0000104.dbf	11-48-11-MTP	9/30/87	9/30/87 GENERAL PURPOSE PLATOON, SIGNAL SUPPORT COMPANY, SIGNAL BATTALION, LIGHT DIVISION

D0000167.dbf	11-067-30-MTP	11/14/90 COMPANIES AND PLATOONS OF THE DIVISION SIGNAL BATTALION (MSE)
D0000063.dbf	31-807-33-MTP	12/20/90 SPECIAL FORCES COMPANY
D0000064.dbf	33-705-MTP	10/23/89 PSYCHOLOGICAL OPERATIONS BATTALION HEADQUARTERS
D0000065.dbf	33-707-30-MTP	10/23/89 PSYCHOLOGICL OPERATORS REGIONAL SUPPORT COMPANY
D0000066.dbf	33-708-30-MTP	10/23/89 PSYCHOLOGICAL OPERATIONS TACTICAL SUPPORT COMPANY
D0000042.dbf	63-422-MTP	9/29/94 HEADQUARTERS CORPS SUPPORT GROUP
D0000079.dbf	63-426-MTP	3/11/92 HEADQUARTERS CORPS SUPPORT BATTALION
D0000043.dbf	63-422-30-MTP	3/11/92 HEADQUARTERS COMPANY CORPS SUPPORT GROUP AND HEADQUARTERS DETACHMENT CORPS SUPPORT BATTALION
D0000080.dbf	63-622-MTP	9/8/93 HEADQUARTERS, AREA SUPPORT GROUP
D0000052.dbf	63-622-30-MTP	9/8/93 HEADQUARTERS COMPANY, AREA SUPPORT GROUP
D0000048.dbf	63-001-MTP	8/25/89 DISCOM HEADQUARTERS/DMMC SUPPORT COMMAND, HEAVY AND MOTORIZED DIVISIONS
D0000072.dbf	63-042-MTP	10/19/89 DISCOM HEADQUARTERS/DMMC SUPPORT COMMAND AIRBORNE AIR ASSAULT AND LIGHT DIVISIONS
D0000050.dbf	63-005-MTP	10/3/88 BATTALION HEADQUARTERS, FORWARD SUPPORT BATTALION, HEAVY AND MOTORIZED DIVISIONS
D0000041.dbf	63-216-MTP	8/18/92 HEADQUARTERS FORWARD SUPPORT BATTALION LIGHT INFANTRY DIVISION
D0000051.dbf	63-065-MTP	12/6/90 HEADQUARTERS SUPPORT SQUADRON ARMORED CAVALRY REGIMENT
D0000074.dbf	63-066-30-MTP	12/6/90 HEADQUARTERS TROOP SUPPORT SQUADRON ARMORED CAVALRY REGIMENT AND HEADQUARTERS COMPANY SUPPORT BATTALION SEPARATE BRIGADES
D0000075.dbf	63-085-MTP	12/6/90 HEADQUARTERS SUPPORT BATTALION HEAVY SEPARATE BRIGADES
D0000077.dbf	63-226-MTP	8/18/92 BATTALION HEADQUARTERS MAIN SUPPORT BATTALION LIGHT INFANTRY DIVISION
D0000076.dbf	63-125-MTP	3/30/89 HEADQUARTERS MAIN SUPPORT BATTALION
D0000049.dbf	63-002-30-MTP	10/3/95 HEADQUARTERS COMPANY, DISCOM SUPPORT COMMAND HEAVY AND MOTORIZED DIVISIONS
D0000071.dbf	63-006-30-MTP	4/7/89 HEADQUARTERS DETACHMENT FORWARD SUPPORT BATTALION, MAIN SUPPORT BATTALION, HEAVY AND MOTORIZED DIVISIONS
D0000073.dbf	63-042-30-MTP	8/25/89 HEADQUARTERS COMPANY, DISCOM AIRBORNE AIR ASSAULT AND LIGHT DIVISIONS
D0000090.dbf	63-146-30-MTP	9/9/93 SUPPLY COMPANY MAIN SUPPORT BATTALION/FORWARD SUPPORT BATTALION AIRBORNE, AIR ASSAULT AND LIGHT INFANTRY DIVISIONS
D0000078.dbf	63-412-30-MTP	10/23/93 COMPANY HQS, SPECIAL TROOPS HQS, THEATER ARMY AREA COMMAND & HQS COMPANY, SPECIAL TROOPS BATTALION, CORPS SUPPORT COMMAND
D0000091.dbf	63-412-75-MTP	9/29/94 SPECIAL TROOPS HEADQUARTERS, THEATER ARMY AREA COMMAND AND HEADQUARTERS, SPECIAL TROOPS BATTALION, CORPS SUPPORT COMMAND
D0000054.dbf	55-1004-70-MTP	11/20/87 DEPLOYMENT SUPPORT BRIGADE
D0000162.dbf	55-62-MTP	9/1/94 HEADQUARTERS, TRANSPORTATION COMPOSITE GROUP
D0000159.dbf	55-601-MTP	1/4/95 HEADQUARTERS, TRANSPORTATION COMMAND
D0000160.dbf	55-603-MTP	1/4/95 THEATER ARMY MOVEMENT CONTROL AGENCY
D0000161.dbf	55-604-MTP	9/1/94 TRANSPORTATION MOVEMENT CONTROL CENTER (CORPS)
D0000058.dbf	55-716-MTP	11/3/93 TRANSPORTATION MOTOR TRANSPORT BATTALION
D00000000dbf	55-816-MTP	9/10/93 HEADQUARTERS, TRANSPORTATION TERMINAL BATTALION
D0000061.dbf	55-916-MTP	9/28/94 HEADQUARTERS, TRANSPORTATION RAILWAY BATTALION

D0000055.dbf	55-158-30-MTP	10/5/89 TRANSPORTATION MOTOR TRANSPORT COMPANY, SUPPLY AND TRANSPORT BATTALION, AIRBORNE, AIR ASSAULT AND LIGHT DIVISIONS
D00000057.dbf	55-500-30-MTP	
D0000163.dbf	55-716-30-MTP	9/30/93 HQ DETACHMENT TRANS MOTOR TRANS BATT AND TRANS RAILWAY BATT AND HQ
D0000059.dbf	55-717-30-MTP	11/3/93 TRANS COMMAND TRANSPORT CO, TRANS LIGHT TRUCK CO, TRANS LIGHT-MEDIUM TRUCK CO, TRANS HEAVY TRUCK CO, TRANS MOTOR TRANSPORT BN
D0000062.dbf	55-918-30-MTP	5/19/93 TRANSPORTATION RAILWAY ENGINEERING COMPANY
D0000165.dbf	55-919-30-MTP	5/19/93 TRANSPORTATION RAILWAY EQUIPMENT MAINTENANCE COMPANY
D0000166.dbf	55-927-30-MTP	5/19/93 TRANSPORTATION TRAIN OPERATING COMPANY
D0000164.dbf	55-717-10-MTP	11/20/87 TRANSPORTATION TRUCK PLATOON AND SQUAD TRANSPORTATION MOTOR TRANSPORT COMPANY AND DETACHMENT
D0000053.dbf	55-1001-70-MTP	11/20/87 TRANSPORTATION TERMINAL UNIT
D0000998.dbf	6-037-30-MTP	4/1/97 FIELD ARTILLERY BATTALION / BATTERY / PLATOON (Pending)
	(Pending	

APPENDIX B - MTP CONVERSION ANNOTATED SOURCE CODE

```
Col8new, Linecur, Linenew, Indentnew, Indentcur, Tasknum, Internaltable As String
                                                                                                                                                                                                                                        numerical sequence of the particular task within the database.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       = Tabletcs.CreateField("Task", dbMemo)
= Tabletcs.CreateField("Condition", dbMemo)
= Tabletcs.CreateField("Standard", dbMemo)
= Tabletcs.CreateField("Counter", dbInteger)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            = Tabletcs.CreateField("Tasknumber", dbText)
                                                                                                                                                                                                                                                                                            Dim I, J, k As Integer
Dim db, dbnew As Database
Dim Tcsfields(9) As Field
Dim Tcsfields(9) As Field
Dim Updatebool As Boolean
Dim Table, Tabletcs, Tablepm As Recordset
Dim Parcur, Parnew, Col8cur, Col8new, Linecur, Linenew, Indentr
Dim Levelcur, Levelnew As Integer
Dim Artep, BOS, Element, Task, Condition, Standard As String
Set db = OpenDatabase("f:\fy97\warsim\rci_dat3\checkit.mdb")
Set db2 = OpenDatabase("f:\fy97\warsim\newtask.mdb")
Set Table1 = db.OpenRecordset("mtpdir")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            = Tabletcs.CreateField("Element", dbText)
                                                                                                                                                                    that data sequentially into a table of the new database with a counter added - This counter is the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Set Tcsfields(0) = Tabletcs.CreateField("BOS", dbText)
                                                                This code takes a MS Access database of R-TASK MTPs
                                                                                                   and strips out the Tasks, COnditions and Standards for each task within the database and rewrites
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Set Tabletcs = db2.CreateTableDef(Internaltable)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Set Tabletcs = db2.OpenRecordset(Internaltable)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Set Table = db.OpenRecordset(Internaltable)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Internaltable = Left(Table1.Fields(1), 8)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tabletcs. Fields. Append Tcsfields (J)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     db2.TableDefs.Append Tabletcs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Do Until Table1.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Set Tcsfields(3)
Set Tcsfields(4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Set Tcsfields (6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Set Tcsfields (5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Set Tcsfields(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Set Tcsfields(2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Condition = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Do While J <
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Standard = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Levelnew = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Levelcur = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     J = J + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Element =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Task = ""
Sub Main()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           J = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ド
ロ
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```

```
If Levelcur <= 3 And Parcur = 1 And Linecur > 1 And Table.Fields(7) <> "PER" Then Task = Task + " " + Table.Fields(8) If Levelcur <= 3 Then Tasknum = Table.Fields(2) If Levelcur <= 3 Then Tasknum = Table.Fields(2) If Left(Table.Fields(8), 4) = "BOS:" Then BOS = Right(Table.Fields(8), Len(Table.Fields(8), -4) If Left(Table.Fields(8), 8) = "ELEMENT:" Then Element = Right(Table.Fields(8), Len(Table.Fields(8), -8) If Levelcur = 3 And Parcur = 2 And Linecur = 1 And Left(Table.Fields(8), 10) = "CONDITION:" Then Condition =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Right(Table.Fields(8), Len(Table.Fields(8)) - 14)

If Levelcur = 3 And Parcur = 3 And Linecur = 1 And Left(Table.Fields(8), 15) = "TASK STANDARDS:" Then Standard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            If Levelcur = 3 And Parcur = 1 And Linecur = 1 And Table.Fields(7) <> "PER" Then Task = Right(Table.Fields(8),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            If Levelcur = 3 And Parcur = 3 And Linecur = 1 And Left(Table.Fields(8), 14) = "TASK STANDARD:" Then Standard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       If Levelcur = 3 And Parcur = 2 And Linecur = 1 And Left(Table.Fields(8), 11) = "CONDITIONS:" Then Condition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Right(Table.Fields(8), Len(Table.Fields(8)) - 11)
If Levelcur = 3 And Parcur = 2 And Linecur > 1 Then Condition = Condition + " " + Table.Fields(8)
If Levelcur = 3 And Parcur = 3 And Linecur = 1 And Left(Table.Fields(8), 9) = "STANDARD:" Then Standard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Right(Table Fields(8), Len(Table Fields(8)) - 15)
If Levelcur = 3 And Parcur = 3 And Linecur > 1 Then Standard = Standard + " " + Table Fields(8)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             If (Indentnew = "PER" And Indentcur = "BOS") Or (Indentnew = "CND" And Indentcur = "BOS") Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            If Task <> "" Then Tabletcs.Fields(3) = Task
If Condition <> "" Then Tabletcs.Fields(4) = Condition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                If Standard <> " Then Tabletcs. Fields(5) = Standard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            If Element <> "" Then Tabletcs.Fields(1) = Element
If Tasknum <> "" Then Tabletcs.Fields(2) = Tasknum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   If BOS <> "" Then Tabletcs.Fields(0) = BOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Right (Table. Fields (8), Len (Table. Fields (8)) - 10)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Right (Table. Fields (8), Len (Table. Fields (8)) - 9)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     If Table.Fields(8) <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indentcur = Table.Fields(7)
                                                                                                                                                                                                                                                                                                                            Levelcur = Table.Fields(3)
                                                                                                                                                                                                                                                                              Col8cur = Table. Fields (8)
                                                                                                                                                                                                                                                                                                                                                                                                                                    Linecur = Table.Fields(5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tabletcs.Fields(6) = I
                                                                                                                                                                                                                                                                                                                                                                                  Parcur = Table.Fields(4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indentnew = Indentcur
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Len(Table.Fields(8)) - 5)
                                                                                                                                                                                                                                         Levelnew = Levelcur
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tabletcs.AddNew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tabletcs.Update
                                                                                                                                                                                       Do Until Table. EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Table.MoveNext
                                                                                           Indentnew = ""
                                                                                                                                         Indentcur = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 + 1 = 1
Tasknum = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Loop
```

```
Dim I, J, K, L, M, N, O, Z, A As Integer
Dim db, dbnew As Database
Dim Tcsfields(9) As Field
Dim Tcsfields(9) As Field
Dim Table. Tabletcs, Tablepm As Recordset
Dim Table. Tabletcs, Tabletcs, Tablepm As Recordset
Dim Table. Parprev, Col8cur, Col8new, Artepdate, Tasknum, Internaltable, Indentnew, Indentcur, Tasktype As String
Dim Levelour, Levelnew, Linecur, Linecur
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    within the database and rewrites that data sequentially into a table of the new database with the same counter as the previous program but with each step amd performance measure also sequenced.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and strips out the Steps and Performance Measures for every task
                                                                                                                                                                                                                                                                     If Task <> "" Then Tabletcs.Fields(3) = Task
If Condition <> "" Then Tabletcs.Fields(4) = Condition
If Standard <> "" Then Tabletcs.Fields(5) = Standard
                                                                                                                            Element <> "" Then Tabletcs.Fields(1) = Element
Tasknum <> "" Then Tabletcs.Fields(2) = Tasknum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           This code takes a MS Access database of R-TASK MTPs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Set db2 = OpenDatabase("f:\fy97\warsim\newpm.mdb")
                                                              If BOS <> "" Then Tabletcs.Fields(0) = BOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Internaltable = Left(Table1.Fields(1), 8)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Set Table1 = db.OpenRecordset("mtpdir")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tabletcs.Fields(6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Do Until Tablel.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tabletcs.Update
Tabletcs.AddNew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Table1.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Condition = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Standard = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Element = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tabletcs.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Table.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Table1.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BOS = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    db2.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   db.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sub Main()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Task
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Loop
```

Write out the last record

```
If (Levelnew >= 4 And Linecur = 1 And Table. Fields (7) = "PER") Or (Indentnew = "PER" And Indentcur = "BOS") Then ' write our the
                                                   Set Tosfields(0) = Tabletos.CreateField("Tasknumber", dbText)
Set Tosfields(1) = Tabletos.CreateField("Step", dbText)
Set Tosfields(2) = Tabletos.CreateField("Type", dbInteger)
Set Tosfields(3) = Tabletos.CreateField("MprTaskReference", dbMemo)
Set Tosfields(4) = Tabletos.CreateField("MTPTaskReference", dbInteger)
Set Tosfields(5) = Tabletos.CreateField("MTPStepReference", dbInteger)
Set Tosfields(6) = Tabletos.CreateField("MTPSMReference", dbInteger)
Set Tosfields(7) = Tabletos.CreateField("MTPSWBFMReference", dbInteger)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         If Table.Fields(7) = "BOS" And L > 0 Then Z = L If Table.Fields(7) = "TSK" And Table.Fields(5) = "1" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tabletcs.Fields(0) = Left(Tasknum, K - 1)
                             Tabletcs = db2.CreateTableDef(Internaltable)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Set Tabletcs = db2.OpenRecordset(Internaltable)
Set Table = db.OpenRecordset(Internaltable)
                                                                                                                                                                                                                                                                                                                                                                             Tabletcs.Fields.Append Tcsfields(J)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            If (Mid(Tasknum, K, 9)) =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indentnew = Indentcur
Indentcur = Table.Fields(7)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   db2.TableDefs.Append Tabletcs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Levelcur = Table.Fields(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Col8cur = Table.Fields(8)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Linecur = Table.Fields(5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Parcur = Table.Fields(4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             If Tasknum <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Do While K < 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Levelnew = Levelcur
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Lineprev = Linecur
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tabletcs.AddNew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Do Until Table. EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Parprev = Parcur
                                                                                                                                                                                                                                                                                                                                               Do While J < 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indentnew = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indentcur = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          L = L + 1M = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Z = Z + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Levelcur = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Levelnew = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                K = 6
                                                                                                                                                                                                                                                                                                                                                                                                                J + D = D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0 =
                                                                                                                                                                                                                                                                                                                    ر
ا = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                Loop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         record
```

```
If (Table.Fields(3) = "4" And Table.Fields(5) = "1" And Table.Fields(7) = "PER") Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              If Levelcur >= 4 Then Tasktype = Levelcur
If Levelcur >= 4 And Linecur = 1 Then Texttype = Table.Fields(8)
If Levelcur >= 4 And Linecur > 1 Then: Texttype = Texttype + " " + Table.Fields(8)
                                                                                                                                                                                  ()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ElseIf (Mid(Tasknum, K, 3)) = " " Then
Tabletcs.Fields(0) = Left(Tasknum, K - 1)
Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum) - (K + 2))
Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum) - (K + 8))
                                                                                                                                                                                                                                                                       -(K+5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                       -(K+3)
                                                                                         -(X+7)
                                                                                                                                                                                                                                                                                                                                                                +4)
                                                                                                                                                                                  +
                                                                                                                                                                                  - (K
                                                                                                                                                                                                                                                                                                                                       = Left(Tasknum, K - 1)
= Right(Tasknum, Len(Tasknum) - (K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    If Table. Fields (8) <> " * And Table. Fields (7) = "PER" Then
                                                                                                                    rseIt (Mid(Tasknum, K, 7)) = " " Then
Tabletcs.Fields(0) = Left(Tasknum, K - 1)
Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum)
K = 51
                                                              = Left(Tasknum, K - 1)
= Right(Tasknum, Len(Tasknum)
                                                                                                                                                                                                                                                                 Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum)
                                                                                                                                                                                                                                                                                                                                                                                                                                                  = Right(Tasknum, Len(Tasknum)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  If Tasktype <> "" Then Tabletcs.Fields(2) = Tasktype
If Texttype <> "" Then Tabletcs.Fields(3) = Texttype
                                              " Then
                                                                                                                                                                                                                          " Then
                                                                                                                                                                                                                                                                                                                                                                                                                            = Left(Tasknum, K - 1)
                                                                                                                                                                                                                                                                                                                " Then
                                                                                                                                                                                                                                                                                                                                                                                                           " Then
                                                                                                                                                                                                                                                                                                                                                                                                     ElseIf (Mid(Tasknum, K, 4)) = "
                                                                                                                                                                                                                                                                                                                ElseIf (Mid(Tasknum, K, 5)) = "
                                            K, 8)) = "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tasknum = Table.Fields(2)
                                        ElseIf (Mid(Tasknum,
                                                                                                                               Elself (Mid(Tasknum,
                                                                                                                                                                                                                       ElseIf (Mid(Tasknum,
                                                                                                                                                                                                                                                                                                                                                                                                                            Tabletcs.Fields(0)
Tabletcs.Fields(1)
                                                                                       Tabletcs.Fields(1)
                                                                 Tabletcs.Fields(0)
                                                                                                                                                                                                                                                Tabletcs.Fields(0)
                                                                                                                                                                                                                                                                                                                                         Tabletcs.Fields(0)
                                                                                                                                                                                                                                                                                                                                                              Tabletcs.Fields(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tabletcs.Fields(4) = L
Tabletcs.Fields(5) = M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tabletcs.Fields(5) =
Tabletcs.Fields(6) =
Tabletcs.Fields(7) =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tabletcs.Update
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             K = K + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    K = 51
                                                                                                                                                                                                                                                                                                                                                                                    K = 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               M = M + 1  
0 = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Else
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      I = I + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Loop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  End If
```

```
If (Table.Fields(3) = "5" And Table.Fields(5) = "1" And Table.Fields(7) = "PER") Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tabletcs.Fields(0) = Left(Tasknum, K - 1)
Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum) - (K + 8))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ElseIf (Mid(Tasknum, K, 8)) = " " Then
Tabletcs.Fields(0) = Left(Tasknum, K - 1)
Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum) - (K + 7))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ElseIf (Mid(Tasknum, K, 3)) = " " Then
Tabletcs.Fields(0) = Left(Tasknum, K - 1)
Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum) - (K + 2))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ElseIf (Mid(Tasknum, K, 6)) = " " Then
Tabletcs.Fields(0) = Left(Tasknum, K - 1)
Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum) - (K + 5))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LseIf (Mid(Tasknum, K, 4)) = " " Then
Tabletcs.Fields(0) = Left(Tasknum, K - 1)
Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum) - (K + 3))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tabletcs.Fields(1) = Right(Tasknum, Len(Tasknum) - (K + 6))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               " Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               K, 7)) = " "Themail Themail Th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   " Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  " Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              If (Mid(Tasknum, K, 9)) = "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tabletcs.Fields(0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Elself (Mid(Tasknum,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ElseIf (Mid(Tasknum,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ' Adding last subtask here
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  If Tasknum <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Do While K < 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tabletcs. AddNew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  K = K + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Table.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Table1.MoveNext
                                                                           N = N + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Table.Close
                                                                                                                                                                                                               End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Loop
```

```
Loop
End If
If Tasktype <> "" Then Tabletcs.Fields(2) = Tasktype
If Tasktype <> "" Then Tabletcs.Fields(3) = Texttype
Tabletcs.Fields(4) = L
Tabletcs.Fields(5) = M
Tabletcs.Fields(5) = N
Tabletcs.Fields(7) = 0
I = I + 1
Tabletcs.Update
, added last record
Loop
Table1.Close
db.Close
db.Close
End Sub
```

APPENDIX C - SOURCE CODE FOR CREATION OF USER ACCOUNTS (AUTH.EXE)

```
Send ("<#1> User Request Results </#1></#EAD>")
Send ("<BODY TEXT=""#000000"" BGCOLOR=""#00FFFF"" LINK=""#0000EE"" VLINK=""#551A8B"" ALINK=""#FF0000"">")
Dim xx As Integer
Dim Pass1, Pass2, Logname, name, Unit, Phone, Email, Login, Event, Address As String
Dim Db As Database
                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("<HTML><HEAD><CENTER><TITLE> User Request Results</CENTER></TITLE>")
                                                                                                                                                                                                                                                                                                                     ' Remove leading "/"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                If CGI_FormTuples(i).key = "Loginname" Then
                                                                                                                                                                                                                                                                                Errorflag = False
sSelector = UCase$(Mid$(CGI_LogicalPath, 2))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      If CGL_FormTuples(i).key = "Expert" Then
Event = CGL_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           If CGL_FormTuples(i).key = "Pass1" Then
Pass1 = CGL_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  If CGI_FormTuples(i).key = "Pass2" Then
Pass2 = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        If CGI_FormTuples(i).key = "Phone" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               If CGI_FormTuples(i).key = "Email" Then
                                                                                                       Dim Logbool, Errorflag, Expbool As Boolean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          If CGI_FormTuples(i).key = "Name" Then
name = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 If CGL_FormTuples(i).key = "Unit" Then
Unit = CGL_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Login = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Phone = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                      Send ("Content-type: text/html")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Do While i < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Password and Expert Checking
                                                                                                                                           Dim Table, Tablel As Recordset
                                                                                                                                                                                                              Dim Mytabledef As TableDef
                                                                                                                                                                         Dim Tfield As Field
                                                                                                                                                                                                                                               Dim i As Integer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<P>")
                                                                                                                                                                                                                                                                                                                                                                                       Send
```

```
If Event <> "" And name <> "" And Unit <> "" And Phone <> "" And Email <> "" And Login <> "" And Address <> "" And Pass1 <> "" And Pass2 <> "" And Pass2 and Logbool = True Then
                                                                                                                                                                                                                                                                                     Event = "" Then Send ("You must select at least one field as a Subject Matter Expert - Please try again!<P>")
name = "" Then Send ("I must have your name, Please try again!<P>")
Unit = "" Then Send ("I must have your unit, Please try again!<P>")
                                                                                                                                                                                                                                                                                                                                                                              If Unit = "" Then Send ("I must have your unit, Please try again!<P>")

If Phone = "" Then Send ("I must have your phone number, Please try again!<P>")

If Email = "" Then Send ("I must have your email address, Please try again!<P>")

If Login = "" Then Send ("You must provide a login name, Please try again!<P>")

If Address = "" Then Send ("You must provide an address, Please try again!<P>")

If Pass1 = "" Or Pass2 = "" Then Send ("Passwords must be entered. Please try Again!<P>")

If Pass1 <> Pass2 Then Send ("Passwords do not match - Please try again!<P>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Do while Not Table.EOF

If Table.Fields(6) = Logname And Logbool = True Then

Send ("Sorry, someone has already requested that login name - choose another <P>")

Logbool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Set Db = OpenDatabase("c:\netscape\server\docs\database\users.mdb")
Set Table = Db.OpenRecordset("data")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           If CGI_FormTuples(i).key = "Loginname" Then
Logname = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Table.Fields(0) = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        If CGI_FormTuples(i).key = "Rank" Then
    Table.Fields(1) = CGI_FormTuples(i).value
    End If
if CGI_FormTuples(i).key = "Address" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                If CGI_FormTuples(i).key = "Name" Then
                                        Address = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Do While i < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Do While i < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ' Userid checking
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Table.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Logbool = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Table.AddNew
                                                                                                                                                                                                           Send ("<h3>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             i = i + 1
                                                                                                                             i = i + 1
                                                                                     End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Loop
```

```
If CGL_FormTuples(i).key = "Unit" Then
Table.Fields(2) = CGL_FormTuples(i).value
```

If CGI_FormTuples(i).key = "Address" Then
Table.Fields(3) = CGI_FormTuples(i).value

End If
If CGL_FormTuples(i).key = "Phone" Then
Table.Fields(4) = CGL_FormTuples(i).value

If CGI_FormTuples(i).key = "Email" Then Table_Fields(5) = CGI_FormTuples(i).value

Indicated States (1).value
End If
If CGL FormTuples(i).key = "Loginname" Then
Table.Fields(6) = CGLFormTuples(i).value

Table.Fields(6) = CGI_FormTuples(i).value
End If
If CGI_FormTuples(i).key = "Pass1" Then
Table.Fields(7) = CGI_FormTuples(i).value

Table.Fields(') = CGI_FormTuples(1).value End If If CGI_FormTuples(1).key = "Pass2" Then

If CGI_FormTuples(i).key = "Pass2" Then
 Table.Fields(8) = CGI_FormTuples(i).value
 End If

If CGI_FormTuples(i).key = "Expert_1" Then
Table.Fields(10) = CGI_FormTuples(i).value
End If
If CGI_FormTuples(i).key = "Expert_2" Then
Table.Fields(11) = CGI_FormTuples(i).value

End If
If CGI_FormTuples(i).key = "Expert_3" Then
Table.Fields(12) = CGI_FormTuples(i).value
from If

Land in Transcraftuples(i).key = "Expert_4" Then Table.Fields(13) = CGI_FormTuples(i).value End If CGI_FormTuples(i).key = "Expert_5" Then

Table.Fields(14) = CGI_FormTuples(i).value
End If
If CGI_FormTuples(i).key = "Expert_6" Then
Table.Fields(15) = CGI_FormTuples(i).value

End If
If CGI_FormTuples(i).key = "Expert_7" Then
Table_Fields(16) = CGI_FormTuples(i).value

If CGL_FormTuples(i).key = "Expert_8" Then Table.Fields(17) = CGL_FormTuples(i).value

If CGI_FormTuples(i).key = "Comments" Then
Table.Fields(18) = CGI_FormTuples(i).value

```
Send (" <br/>
Send ("If you continue to have problems, please contact <img src=""/graphics/mailbox.gif""> <A HREF=""mailto:fr0161@exmail.usma.edu"">MAJ Bob Phelan</a>")
Send (" < You can also call him at (DSN) 688-5941; (914) 938-5941.")</p>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Send ("<A HREF=""http://www.orcen.usma.edu/"">Operations Research Center</a>")
                                                                                                                                                                                                                                                                                                                                                     Send ("<A HREF=""http://www.orcen.usma.edu/"">Operations Research Center</a>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Do While i < CGI_NumFormTuples

If Left(CGI_FormTuples(i).key, 3) = "exp" Then

If Expbool = False Then Expbool = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Table1.Fields(0) = Login
Table1.Fields(1) = CGI_FormTuples(i).key
                                                                                                                                                                                                                                                                                                                                                                                                                     Set Table1 = Db.OpenRecordset("Expertise")
                                                            Table.Fields(19) = Now
Table.Fields(20) = CGI_RemoteAddr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Table1.AddNew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Table1.Update
                                                                                                                                                                                                                                                                                                                                                                                                Expbool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Table1.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Db.Close
Send ("</h1>")
                                                                                                          Table.Update
                                                                                                                                                                                                                                                                                      Send ("")
                                                                                                                                                                                                                                                                                                         Send ("")
Send ("")
                                                                                                                                                     Table.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       i = i + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("")
                    i = i + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Send ("")
End If
                                                                                                                                                                                                                                                                                                                                                                                                                                            i = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                roop
                                           Loop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     End If
```

APPENDIX D - SOURCE CODE FOR DISPLAY OF TRAINING AUDIENCE TASKS (MAPPING.EXE)

```
Do While i < CGI_NumFormTuples

If CGI_FormTuples(i).key = "mtpselect" Then Mtptable = Left(CGI_FormTuples(i).value, 8)

If CGI_FormTuples(i).key = "preference" Then Preference = CGI_FormTuples(i).value
               Dim xx, i, X, Y, 1, m, px, Session, Pos, Totalrecs As Integer
Dim xx, i, X, Y, 1, m, px, Session, Pos, Totalrecs As Integer
Dim xx, i, X, Y, 1, m, px, Session, Pos, Totalrecs As Integer
Dim mtptext, Listtype, MTPNAME, Temptask, Lastelement, Preference, Mtptable As String
Dim Db, Db1, Userdb, PTAdb As Database
Dim Table, Table1, Usertable, PTAxs As Recordset
Dim Table, Table1, Usertable, PTAxs As Recordset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Set PTAdb = OpenDatabase("c:\netscape\server\docs\input\database\mtptpsc.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Set_Db = OpenDatabase("c:\netscape\server\docs\input\database\mtptask.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Set Userdb = OpenDatabase("c:\netscape\server\docs\database\users.mdb")
Set Usertable = Userdb.OpenRecordset("Data")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Set PTAxs = PTAdb.OpenRecordset("PTA_Xs", dbReadOnly)
                                                                                                                                                                                                      sSelector = UCase$(Mid$(CGI_LogicalPath, 2))
Send ("Content-type: text/html")
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Do While i < 1 + 1
If Mid(CGI_QueryString, i, 1) = "," Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Get the user's session number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Usertable.LockEdits = False
                                                                                                                                                                                                                                                                                                                                                                       1 = Len(CGI_QueryString)
i = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Working here on PTA Xs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         mtptext = Mtptable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Preference = " "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mtptable = "x"
                                                                                                                                                                                                                                                                                                              px = FreeFile
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     i = 1 + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        i = i + 1
Sub CGI_Main()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      i = i + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   = E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Else
                                                                                                                                                                                                                                                                               Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Loop
```

```
If x > 338 And x > 49 And x < 384 And x < 78 Then mtptext = "D0000999"

If x > 338 And y > 49 And x < 384 And y < 152 Then mtptext = "D00000999"

If x > 337 And y > 120 And x < 384 And y < 152 Then mtptext = "D00000159"

If x > 337 And y > 120 And x < 443 And y < 153 Then mtptext = "D00000159"

If x > 337 And y > 120 And x < 522 And y < 153 Then mtptext = "D00000159"

If x > 130 And y > 206 And x < 137 And y < 238 Then mtptext = "D00000240"

If x > 131 And y > 206 And x < 237 And y < 238 Then mtptext = "D00000240"

If x > 131 And y > 206 And x < 237 And y < 238 Then mtptext = "D00000250"

If x > 579 And y > 206 And x < 167 And y < 238 Then mtptext = "D00000250"

If x > 579 And y > 205 And x < 116 And y < 329 Then mtptext = "D00000239"

If x > 513 And y > 295 And x < 117 And y < 329 Then mtptext = "D00000239"

If x > 336 And y > 295 And x < 385 And y < 329 Then mtptext = "D00000239"

If x > 337 And y > 295 And x < 385 And y < 329 Then mtptext = "D00000239"

If x > 337 And y > 295 And x < 445 And y < 329 Then mtptext = "D00000238"

If x > 337 And y > 295 And x < 445 And y < 329 Then mtptext = "D00000238"

If x > 579 And y > 295 And x < 445 And y < 329 Then mtptext = "D00000238"

If x > 579 And y > 295 And x < 445 And y < 329 Then mtptext = "D00000238"

If x > 337 And y > 295 And x < 445 And y < 329 Then mtptext = "D00000288"

If x > 579 And y > 383 And x < 445 And y < 417 Then mtptext = "D00000189"

If x > 579 And y > 383 And x < 117 And y < 417 Then mtptext = "D00000189"

If x > 579 And y > 383 And x < 117 And y < 417 Then mtptext = "D00000189"

If x > 579 And y > 383 And x < 117 And y < 417 Then mtptext = "D00000189"

If x > 579 And y > 383 And x < 525 And y < 417 Then mtptext = "D00000189"

If x > 579 And y > 383 And x < 525 And y < 417 Then mtptext = "D00000197"

If x > 579 And y > 383 And x < 525 And y < 505 Then mtptext = "D00000197"

If x > 579 And y > 383 And x < 525 And y < 505 Then mtptext = "D00000197"

If x > 580 And y > 472 And x < 526 And y < 505 Then mtptext = "D00000197"

If x > 580 And y > 472 An
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ' 14 Apr 97 - Changed to the new div/corps mtp (pending) If X > 338 And Y > 49 And X < 384 And Y < 78 Then mtptext = "D000001"
                                                                                                          If Usertable. Fields (6) = CGI_AuthUser Then
                                                                                                                                                      Session = Usertable.Fields(22) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Y = Val(Right(CGI_QueryString, 1 - m))
set the table value as mtptext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             X = Val(Left(CGI_QueryString, m - 1))
                                                                                                                                                                                                                                                                     Usertable.Fields(22) = Session
                                                                                                                                                                                                                                                                                                                                    Usertable.Fields(23)
                                                                                                                                                                                                                                                                                                                                                                                                                                              Usertable.MoveLast
                                                          Do Until Usertable.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  If mtptext = "x" Then
                                                                                                                                                                                                                                                                                                                                                                                         Usertable.Update
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Usertable.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Preference = "task"
Usertable.MoveFirst
                                                                                                                                                                                                                         Usertable.Edit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Usertable.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Userdb.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         End If
```

```
Send ("<TR><TD>" & Table.Fields(2) & "<br/>"rable.Fields(4) & "</TD>" + Table.Fields(5) + " " " xalue = " " xalue = " xalue = " + Table.Fields(1) + " + " > 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send ("<BODY TEXT=""#000000"" BGCOLOR=""#00FFFF"" LINK=""#0000EE"" VLINK=""#551A8B"" ALINK=""#FF0000"">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("<Center><H1>Select the Training Audience (MTP) you wish to work with:</H1></center>>"Send ("<FORM METHOD="*POST" ACTION="/wincg1/mapping.exe?0,0"">")
Send ("<INPUT TYPE=""HIDDEN" NAME=""MTPTABLE" VALUE="" & mtptext & ""> ")
Send ("<INPUT TYPE=""HIDDEN" NAME="SESSION" VALUE="" & Session & ""> ")
Send ("<TABLE BORDER=1>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("<P><Center><INPUT TYPE=SUBMIT VALUE= ""Select Tasks to Train"" ></Center>")
If X > 192 And Y > 560 And X < 239 And Y < 593 Then mtptext = "D0000218"

If X > 69 And Y > 686 And X < 118 And Y < 719 Then mtptext = "D0000125"

If X > 130 And Y > 686 And X < 178 And Y < 719 Then mtptext = "D0000108"

If X > 476 And Y > 686 And X < 444 And Y < 719 Then mtptext = "D0000042"

If X > 476 And Y > 686 And X < 528 And Y < 719 Then mtptext = "D0000048"

If X > 579 And Y > 686 And X < 628 And Y < 719 Then mtptext = "D0000072"

If X > 129 And Y > 774 And X < 118 And Y < 807 Then mtptext = "D0000125"

If X > 129 And Y > 774 And X < 178 And Y < 807 Then mtptext = "D0000168"

If X > 337 And Y > 774 And X < 239 And Y < 807 Then mtptext = "D0000018"

If X > 337 And Y > 774 And X < 385 And Y < 807 Then mtptext = "D0000075"

If X > 337 And Y > 774 And X < 445 And Y < 807 Then mtptext = "D0000075"

If X > 478 And X > 774 And X < 445 And Y < 807 Then mtptext = "D0000075"

If X > 477 And X < 445 And Y < 807 Then mtptext = "D0000075"

If X > 477 And Y > 774 And X < 445 And Y < 807 Then mtptext = "D0000075"

If X > 477 And Y > 863 And X < 825 And Y < 896 Then mtptext = "D0000077"

If X > 579 And Y > 863 And X < 627 And Y < 896 Then mtptext = "D0000077"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Send ("<HTML><CENTER><TITLE>Training Audience Selection </TITLE></CENTER>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Set Table = Db.OpenRecordset("MTPDIR", dbOpenSnapshot)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     If mtptext = "x" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Do Until Table. EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Table. MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send ("</form>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lastelement = ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Table. MoveFirst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Send ("<P>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Table.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Loop
```

If Left(Table.Fields(1), 8) = mtptext Then MTPNAME = Table.Fields(8)
Table.MoveNext

Do Until Table.EOF

Else

```
& Chr(39) & Miptable & Chr(39) & "))ORDER BY PTA_XS.Tasknumber;")
Send ("SELECT DISTINCTROW PTA_XS.Userid, PTA_XS.Session, PTA_XS.MTP, PTA_XS.Tasknumber, PTA_XS.Update, PTA_XS.Rating, PTA_XS.COMMENTS
From PTA_XS WHERE ((PTA_XS.Userid Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (PTA_XS.MTP Like " & Chr(39) & mtptext & Chr(39) &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Set PTAXS = PTAGD.OpenRecordset("SELECT DISTINCTROW PTA_XS.Userid, PTA_XS.Session, PTA_XS.MTP, PTA_XS.Tasknumber, PTA_XS.Update, PTA_XS.Rating, PTA_XS.COMMENTS From PTA_XS WHERE ((PTA_XS.Userid Like " & Chr(39) & CGI_AuthUser & Chr(39) & "))ORDER BY PTA_XS.Tasknumber;")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PTA_XS.Rating, PTA_XS.COMMENTS From PTA_XS WHERE ((PTA_XS.Userid Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (PTA_XS.MTP Like "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ' Set PTAXS = PTAdb.OpenRecordset("SELECT DISTINCTROW PTA_XS.Userid, PTA_XS.Session, PTA_XS.MTP, PTA_XS.Tasknumber, PTA_XS.Update,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send ("<TR><TD><B><H3><Center>Task Number</center>Conditions<bre>Conditions<bre>ConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditionsConditions<
Standards</center></H3></B></TD><TD><Enter></H3></TD></TD></TR>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 send ("<INPUT TYPE=""HIDDEN"" NAME=""MTPTABLE"" VALUE="" & mtptext & """>")
send ("<INPUT TYPE=""HIDDEN"" NAME=""MTPNAME"" VALUE="" & MTPNAME & """> ")
send ("<INPUT TYPE=""HIDDEN"" NAME=""SESSION"" VALUE="" & Session & """> ")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Open "c:\netscape\server\docs\input\temp\test13.txt" For Output As #xx
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<INPUT TYPE=""HIDDEN"" NAME=""first"" VALUE=""time""> ")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       If PTAxs.BOF = True And PTAxs.EOF = True Then Totalrecs = -1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ")) ORDER BY PTA_Xs.Tasknumber;")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("<TABLE BORDER=1>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Print #xx, MTPNAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           xx = FreeFile
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PTAxs.MoveFirst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<P>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Totalrecs = 0
```

Do Until Table.EOF

```
If Table.Fields(4) <> "" And Preference <> "task" Then Send ("<br>
If Table.Fields(5) <> "" And Preference <> "task" Then Send ("<br>
If Table.Fields(5) << "" And Preference <> "task" Then Send ("<br>
If Preference = "all" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <> "" Then Send ("<br>Center><INPUT type = ""checkbox"" name = "mtpselect"" value="" " + "" ")
If Table.Fields(1) <> "" And Table.Fields(1) <> Lastelement Then Send ("
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Table1.MoveFirst
Do Until Table1.EOF
If Table1.Fields(4) = Table.Fields(6) And Table1.Fields(2) = 4 Then Send ("<br>Table1.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           This is where I add the drill button to provide mopre detail about a task Need to think about this one
                                                                                                                                  Add the following line to all abbreviated tasks procedures
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            + Temptask)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   If Pos = 0 Then Pos = Len(Table.Fields(3)) + 1
Temptask = Left$(Temptask, Pos - 1)
Send ("<B><font size=+1>TASK: </font></B>" + Te
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Here is where I figure out is a guy X'd the block
                           Table.Fields(1) + "</font></rr></rr>Lastelement = Table.Fields(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pos = InStr(1, Temptask, "(", 1)
                                                                                                                                                                                                                                                                                                                                                      If Table.Fields(3) <> "" Then
                                                                                                                                                                                                                                               Send ("<TR><TD></TD><TD>")
                                                                                                                                                                                                                                                                                                                                                                                                                        Temptask = Table.Fields(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           If Table.Fields(6)
Str(Table.Fields(6)) + "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Loop
End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      End If
```

Gotit = False If Totalrecs <> -1 Then

```
PTAXS.MoveFirst
Do Until PTAXS.EOF
If PTAXS.Fields(0) = CGI_AuthUser And Left(PTAXS.Fields(2), 8) = mtptext And Val(PTAXS.Fields(3)) = Val(Table.Fields(6)) Then
Send ("checked></center></TD></TR>")
Gotit = True
PTAXS.MoveLast
                                                                                                                                                                                                                                                                                                                    Loop
Send ("")
Send ("")
Send ("<P>>Center><INPUT TYPE=SUBMIT VALUE= ""Evaluate Tasks"" ><INPUT TYPE= ""RESET"" VALUE= ""Clear Current
Changes"">></Center>")
Send ("</form>")
                                                                                                                                                                                                           If Gotit = False Then
Send ("></center></TD></TR>")
End If
                                                                                                                           End If
PTAxs.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("</HTML>")
Send ("</BODY>")
Db.Close
End Sub
                                                                                                                                                                                                                                                                                              Table.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                   Table Close
PTAXS Close
PTAGD Close
End If
                                                                                                                                                                       Loop
                                                                                                                                                                                         End If
```

APPENDIX E - SOURCE CODE FOR DISPLAY OF TRAINING AUDIENCE TASKS (UPDTPTA.EXE)

```
Set TPSCData = TPSCdb.OpenRecordset("SELECT DISTINCTROW" & MTPTable & ".USERID, " & MTPTable & ".Session, " & MTPTable & ".Tasknumber, " & MTPTable & ".PMNumber, " & MTPTable & ".Rating, " & MTPTable & ".ProdPipe, " & MTPTable & ".Tasknumber, " & MTPTable & ".USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (" & MTPTable & ".Tasknumber=" & Val(TasknuM) & "));", dbReadonly)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Set RUdata = RUdb.OpenRecordset("SELECT DISTINCTROW RUS.USERID, RUS.Session, RUS.MTP, RUS.MTP_Task, RUS.RU, RUS.Update, RUS.RUS.Number From RUS WHERE ((RUS.USERID Like " & Chr(39) & CGL_AuthUser & Chr(39) & ") AND (RUS.MTP Like " & Chr(39) & MTPTable &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ("<H2><Center> Rate Steps and Performance Measures for " & Mtpname & " performing " & temptask & "</Center></HEAD>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      " & temptask & " </TITLE>")
                                                                                                                                                   Dim Db, Dbl, TPSCdb, RUdb As Database
Dim Table, Table1, TPSCData, RUdata As Recordset
Dim Rating, tempfile, Teststring, Comments, Prodpipe, Prodpipe2, temptask As String
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           If CGI_FormTuples(i).key = "MTPNAME" Then Mtpname = CGI_FormTuples(i).value If CGI_FormTuples(i).key = "MTPTABLE" Then MTPTable = CGI_FormTuples(i).value If CGI_FormTuples(i).key = "SESSION" Then Session = CGI_FormTuples(i).value If CGI_FormTuples(i).key = "TASKNUM" Then TasknuM = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Set Table = Db.OpenRecordset(MTPTable, dbOpenSnapshot)
Set Table1 = Db1.OpenRecordset(MTPTable, dbOpenSnapshot)
Set TPSCdb = OpenDatabase("c:\netscape\server\docs\input\database\mtptpsc.mdb")
Set RUdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Set Db = OpenDatabase("c:\netscape\server\docs\input\database\mtptask.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Set Db1 = OpenDatabase("c:\netscape\server\docs\input\database\mtppm.mdb")
                                                                                                                                                                                                                                                                                                                                                                            Dim Currentfield2, Currentfield4, Currentfield5, Currentfield6 As Integer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          If TPSCData.EOF = True And TPSCData.BOF = True Then Tpscbool = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      If RUdata.EOF = True And RUdata.BOF = True Then rudatabool = True Table.FindFirst "[Counter] =" & TasknuM tempfile = CGI_AuthUser & "." & Session & "." & TasknuM & ".htm" temptask = Table.Fields(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Set TPSCData = TPSCdb.OpenRecordset(MTPTable, dbReadOnly)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ("<HTML><HEAD><TITLE> Rate Training Audience Task - ("<BODY bgcolor=""#00FFFF" text=""#000000">")
                                                                                                          Tpscbool As Boolean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Chr(39) & "))ORDER BY RUS.MTP_Task; ", dbReadOnly)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             If Pos = 0 Then Pos = Len(Table.Fields(3)) + 1
temptask = Left$(temptask, Pos - 1)
                                                                                                          Dim RUBool, PTAXSBOOL, rudatabool,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Send ("Content-type: text/html")
Sub CGI_Main()
Dim Filenumber, Pos, i As Integer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Do While i < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pos = InStr(1, temptask, "(",
                                                                                                                                                                                                                                                                                                                              Dim Nextrec, xx As Integer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        rudatabool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tpscbool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              i = i + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                    0 =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send
```

```
Sufficient cues are present within
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("<b>TPSC TASK STEP/ PERFORMANCE MEASURE RATINGSVse the Blocks below to rate how well
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          simulation environment and appropriate responses are supported such that the training experience is much the same as it is in a field
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send ("case (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("<U>Send ("<U</pre>Send ("<U</p>Send ("<
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Send (*cl><br/>Send (*cl><br/>Ch>+HGHLY SUPPORTED (HIGH):</br/>LD>/U>The TS/ PM can be performed completely. Sufficient cues are present within the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               If Table.Fields(2) <> "" Then Send ("ctd>cfont size=+1><B>TASK NUMBER: </B></font>" + Table.Fields(2) + "<br/>If Table.Fields(1) <> "" Then Send ("cfont size=+1><B>ELEMENT: </B></font>" + Table.Fields(1) + "cbr>")

If Table.Fields(3) <> "" Then Send ("cfont size=+1><B>TASK: </B></font>" + Table.Fields(3) + "cbr>")

If Table.Fields(4) <> "" Then Send ("cfont size=+1><B>CONDITIONS: </B></font>" + Table.Fields(4) + "cbr>")

If Table.Fields(5) <> "" Then Send ("cfont size=+1><B>TANDARDS: </B></font>" + Table.Fields(5) + "cbr>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               If Currentfield2 = 4 Then Send ("<TD><B>" + Table1.Fields(3) + "</B>")
If Currentfield2 = 5 Then Send ("<TD><B>" + Chr(187) + Table1.Fields(3) + "</B>")
If Currentfield2 = 6 Then Send ("<TD><B>" + Chr(187) + Chr(187) + Table1.Fields(3) + "</B>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 the simulation will support the individual Steps and Performance Measures of this Task.")
                                                                                                                                                                                                                                                                    ("<INPUT TYPE=""HIDDEN"" NAME=""MTPTABLE"" VALUE=""" & MTPTABLE & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""MTPNAME"" VALUE=""" & Mtpname & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""TASK"" VALUE="" & Table.Fields(6) & """>")
                                                                                            ("<INPUT TYPE=""HIDDEN"" NAME=""SESSION"" VALUE="" & Session & """> ")
                                                                                                                                                                                         ("<INPUT TYPE=""HIDDEN"" NAME=""FILE"" VALUE=""" & tempfile & """> ")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     However, missing cues/ responses will not cause negative training.<br/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send ("<IMAGE SRC=""/input/images/rain_lin.gif" width=100%>")
("<FORM METHOD= ""POST"" ACTION=""/wincgi/makeru.exe"">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Table1.FindFirst "[MTPTaskReference] =" & TasknuM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                If Table1.Fields(4) = TasknuM Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   If Table1.Fields(4) = TasknuM Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Currentfield2 = Table1.Fields(2)
Currentfield4 = Table1.Fields(4)
Currentfield5 = Table1.Fields(5)
Currentfield6 = Table1.Fields(6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nextrec = Table1.Fields(2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TasknuM = Table.Fields(6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   If Not Tablel.EOF Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Table1.MovePrevious
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Do Until Table1.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nextrec = 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        environment.<br/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Nextrec = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Send ("<hr>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<P>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           End If
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send
                                                                                                                                                                                                                                                                                                                                                                                                  Send
                                                                                                                                                                                                                                                                                                      Send
                                                                                                                                                                                                                  Send
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If TPSCData.Fields(0) = CGI_AuthUser And Currentfield4 = Val(TPSCData.Fields(2)) And Currentfield5 = Val(TPSCData.Fields(3)) And Currentfield6 = Val(TPSCData.Fields(4)) Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("<INPUT type = ""radio"" name =""tpsc-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & " ""value=""none"" ")

If Rating = "none" Or Rating = "default" Or Rating = "low" Then
Send ("checked>Not Required<sup>*</sup>Sup>*</sup>Comments:<br/>Send ("checked>Not Required<sup>*</sup>**
Currentfield5 & "-" & Currentfield6 & " ""value="" & Prodpipe2 & "" Size = 20 >
Send ("ctd>Products=Means<br/>cinput type=Text name = "name-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & " " "value="" " A recomment of the remains of the rem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Send ("<INPUT type = ""radio"" name =""tpsc-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & " ""value=""high"" ")
If Rating = "high" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<INPUT type = "radio" name =""tpsc-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & " ""value=""med"" ")
If Rating = "med" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send (">Not Required<sup>*</sup><oun>equived<sup>*</sup><oun>equived<br/>correntfields & "-" & Currentfields & " "value="" & Prodpipe2 & "" Size = 20 >")
If (Currentfield2 = 4 And Nextrec = 5) Or Currentfield2 = 6 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Send ("checked>Moderate<sup>*</sup><br/>br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      If TPSCData.Fields(6) <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      If TPSCData.Fields(7) <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send (">Moderate<sup>*</sup><br/>br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Prodpipe2 = TPSCData.Fields(7)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Prodpipe = TPSCData.Fields(6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Rating = TPSCData.Fields(5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("checked>High<br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                 If Tpscbool = False Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Do Until TPSCData.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Prodpipe2 = " "
End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Prodpipe = " "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send (">High<br/>br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TPSCData.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TPSCData.MoveFirst
                                                                                                                                                                                                                                  Rating = "default"
                                                                                                                                                                                                                                                                                                                                                                                Prodpipe2 = " "
                                                                                                                                                                                                                                                                                                               Prodpipe = " "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Else
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Else
                                                                                                                                                           Else
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Set TPSCData = TPSCdb.OpenRecordset("SELECT DISTINCTROW PTA_XS.Userid, PTA_XS.Session, PTA_XS.MTP, PTA_XS.Tasknumber, PTA_XS.Update, PTA_XS.Rating, PTA_XS.COMMENTS From PTA_XS WHERE ((PTA_XS.Userid Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (PTA_XS.MTP Like " & Chr(39) & MTPTable & Chr(39) & ") ORDER BY PTA_XS.Tasknumber;")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              If TPSCData.Fields(6) <> "" And TPSCData.Fields(0) = CGI_AuthUser And TPSCData.Fields(2) = MTPTable And TPSCData.Fields(3) = TasknuM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("<P><center><font size =+1>Provide any additional information you feel necessary to conduct this task.</font></center>center><TEXTAREA NAME=""COMMENTS"" Rows=5 Cols=50>" & Comments & "</Textarea></center><TEXTAREA NAME=""COMMENTS"" Rows=5 Cols=50>" & Comments & "</textarea></center>
Send ("Products=Means<br>input type=Text name =""name-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & "-" & Prodpipe & """ Size = 20 >")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<center><font size=+1>Select Represented Units for this Task</font></center>")
Send ("<Center><SELECT NAME=""RU"" MULTIPLE SIZE=6>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Open "c:\netscape\server\docs\input\temp\test.txt" For Output As #xx
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               If TPSCData.EOF = True And TPSCData.BOF = True Then PTAXSBOOL = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Set Table1 = Db.OpenRecordset("MTPDIR", dbReadOnly)
                                                                                                                                                                                                                                                                                                                If Table1.Fields(4) <> TasknuM Then GoTo bob
Table1.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send ("<option value=""NONE"">NONE")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Then Comments = TPSCData.Fields(6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       If rudatabool = False Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Send ("</SELECT></center>")
                                                                                                                                                                                              Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       If PTAXSBOOL = False Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Do Until TPSCData.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Do Until Table1.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TPSCData.MoveFirst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TPSCData.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TPSCData.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RUBool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PTAXSBOOL = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Table1.MoveFirst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    xx = FreeFile
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Comments = " "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tablel.Close
                                                                                                      End If
                                                                                                                                                         End If
                                                                                                                                                                                                                                                                                                                                                                                                                   Loop
```

```
RUdata.MoveFirst
Do Until RUdata.EOF
If RUdata.EOF
If RUdata.Fields(0) = CGI_AuthUser And RUdata.Fields(4) = Left(Table1.Fields(1), 8) And RUdata.Fields(3) = TasknuM And
RUdata.Fields(2) = MTPTable Then RUBool = True
RUdata.MoveNext
.
                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("<P><Center><INPUT TYPE=""SUBMIT"" VALUE= ""Submit Ratings"" ><Input type=""Reset"" Value=""Clear Current
                                                                                                               Loop
End If
If RUBool = True Then
Send ("<OPTION SELECTED value = """ & Left(Table1.Fields(1), 8) & """>" & Table1.Fields(8))
                                                                                                                                                                                                                                                                                                                                                                                                                                                Changes""></Center>")
                                                                                                                                                                                                                                                                                                      Table1.MoveNext
                                                                                                                                                                                                                                                                                                                                Loop
Send ("</select>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("</FORM>")
Send ("</BODY>")
Send ("</HTML>")
Table1.Close
TPSCData.Close
TPSCData.Close
Db1.Close
Db1.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RUdata.Close
RUdb.Close
```

APPENDIX F - SOURCE CODE FOR DISPLAY AND SELECTION OF REPRESENTED UNIT TASKS (RUXS.EXE)

```
Dim Pacount (4), Stepcounter, Stepcounter, Stepcounter, Pannumber, Stepnumber As Integer

Dim Printcounter, Task, Step, PM, Taskl, Stepl, PM1, length, Rutasknum, RUCounterYes, RUCounterNo, TSSCode As Integer

Dim X, a2value, i, k, 1, m, n, o, p, Y, xx, Session, Lasttask, Pos, MTPTAskRefnum, j, RUTaskRefNUM, PTATAsknum As Integer

Dim mtprext, Listtype, MTPNAME, Preference, Mtptable, PTAFile, Temptask, lastlisttask, Filename, Comments, Nowthen, Rutable As String

Dim atproximater, a2stepcounter, a2stepcount(4) As Integer

Dim tempdb, Db, Db1, Rudb, Userdb, Tsscdb, PTAXdb As Database

Dim PTAXtab, PTA_Table, Table, Table1, table2, Usertable, RUQuery, RUXTAB, TSSC, TSSCQ As Recordset
Dim Gotit, Ruupdate, Listbool, Rutasksupdate, RUXBOOL, Ruxtabbool, TSSCBool, TSSCBOOL2, TSSCBool3, RUQbool As Boolean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<HTML><CENTER><TITLE>Training Audience - " & MTPNAME & " </TITLE></CENTER>")
Send ("<BODY TEXT=""#000000"" BGCOLOR=""#00FFFF"" LINK=""#0000EE"" VLINK=""#551A8B"" ALINK=""#FF0000"">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          If LCase(CGI_FormTuples(i).key) = "mtptable" Then Mtptable = Left(CGI_FormTuples(i).value, 8)
If CGI_FormTuples(i).key = "SESSION" Then Session = Val(CGI_FormTuples(i).value)
If LCase(CGI_FormTuples(i).key) = "mtpname" Then MTPNAME = CGI_FormTuples(i).value
If CGI_FormTuples(i).key = "FILE" Then Filename = CGI_FormTuples(i).value
If CGI_FormTuples(i).key = "COMMENTS" Then Comments = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    If CGI_FormTuples(i).key = "RUTASKSBOOL" Then Rutasksupdate = True
If CGI_FormTuples(i).key = "RUTASKNUM" Then Rutasknum = CGI_FormTuples(i).value
If CGI_FormTuples(i).key = "PTATASKNUM" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 If LCase (CGI_FormTuples(i).key) = "rutable" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dim a2pmcount(4), a2TPSCode, a2PMCode As Double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dim Dbfilename, Field3, Field4 As String
Dim Mytabledef2, MYtabledef5 As TableDef
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PTATASknum = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Rutable = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Send ("Content-type: text/html")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Do While i < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tempws As Workspace
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dim PTAbool As Boolean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Rutasksupdate = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     mtptext = Mtptable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ruupdate = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RUXBOOL = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PTAbool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Nowthen = Now
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 = 1 + 1
```

WARSIM 2000 Subject Matter Expert Data Collection System
br> Represented Unit Task Selection and Evaluation Dbfilename = "c:\netscape\server\docs\input\temp\" & CGI_AuthUser & Month(Time) & Day(Time) & Hour(Time) & Minute(Time) & Second(Time) & "tempdb.mdb" Send ("<center><Table border=1>tr>align= center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd>center><hd ("<INPUT TYPE=""HIDDEN"" NAME="FILE"" VALUE=""" & Filename & """>")
("<INPUT TYPE=""HIDDEN"" NAME="first"" VALUE=""time"">")
("<P><INPUT TYPE=""SUBMIT"" VALUE= ""Reevaluate Selected Training Audience Tasks""></center>") Audience</h3></hd>Audience</hd>Send ("<form method=""Post"" action=""/wincgi/mapping.exe?0,0"">")Send ("<INPUT TYPE=""HIDDEN"" NAME=""ESSSION"" VALUE="" & Session & "">")Send ("<INPUT TYPE=""HIDDEN"" NAME=""TILE" VALUE="" & Filename & "">")Send ("<INPUT TYPE=""HIDDEN" NAME=""FILE" VALUE="" & Filename & "">")Send ("<P><Center><INPUT TYPE=""HIDDEN" NAME=""FILE" VALUE="" & Filename & "">") Mytabledef2.Connect = ";DATABASE=c:\netscape\server\docs\input\database\mtptpsc.mdb"
Mytabledef2.SourceTableName = "PTA_Xs" MYtabledef5.Connect = ":DATABASE=c:\netscape\server\docs\input\database\mtpru.mdb"
MYtabledef5.SourceTableName = "RU_Xs"
tempdb.TableDefs.Append MYtabledef5 ("<form method=""Post"" action=""/wincgi/printit.exe"">")
("<INPUT TYPE=""HIDDEN"" NAME=""SESSION"" VALUE=""" & Session & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""MTPTABLE"" VALUE=""" & Mtptable & """>") "<INPUT TYPE=""HIDDEN"" NAME=""MTPNAME"" VALUE="" & MTPNAME & """>") Set RUdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb") Set tempdb = Tempws.CreateDatabase(Dbfilename, dbLangGeneral) Set Mytabledef2 = tempdb.CreateTableDef("PTA_Xs") Set MYtabledef5 = tempdb.CreateTableDef("RU_Xs") tempdb.TableDefs.Append Mytabledef2 Set Tempws = DBEngine.Workspaces(0) Send ("<H2><Center> Ruxtabbool = False ("</form>") Send ("</form>") Send ("") Send Send Send Send Send Send

"SELECT DISTINCTROW " & Rutable & ".RU_Task, " & Rutable & ".RU_Step, " & Rutable & ".RU_PM," & Rutable & ".Rutable & ".Rutable & ".Comment FROM Data INNER JOIN (RUS. INNER JOIN (RU Xs INNER JOIN (RU Xs. Rutable & ".WTP) AND (RU Xs. RU_Task) AND (RU Xs. RU_Task) AND (RUS.USERID) AND (RUS.WERLD) AND (RUS.W Set_RUXTAB = RUdb.OpenRecordset("SELECT DISTINCTROW RU_Xs.USERID, RU_Xs.Session, RU_Xs.MTP, RU_Xs.MTP_Task, RU_Xs.RU_Task, RU_Xs.Update, RU_Xs.TSSC, RU_Xs.Comments, RU_Task_Desc From RU_Xs WHERE ((RU_Xs.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & "))ORDER BY & ") AND (RU_Xs.MTP Like " & Chr(39) & "))ORDER BY RU_Xs.MTP_Task, RU_Xs.RU_Task, RU_Xs.Update;")
If RUXTAB.BOF = True And RUXTAB.EOF = True Then Ruxtabbool = True RUXTAB.LockEdits = False

' Set RUXTAB = RUdb.OpenRecordset("RU_Xs")

Set Db = OpenDatabase("c:\netscape\server\docs\input\database\mtptask.mdb") next block updates ru_xs

If Ruupdate = True And Rutasksupdate = False Then

Set Table = Db.OpenRecordset(Rutable)

MTPTAskRefnum = Val(Left\$(CGI_FormTuples(i).value, Pos - 1)) RUTaskRefNUM = Val(Right\$(CGI_FormTuples(i).value, j)) If Left(CGI_FormTuples(i).key, 8) = "ruselect" Then If Pos = 0 Then Pos = Len(Table.Fields(3)) + 1 CGI_FormTuples(i).value, "_", 1) = Len(CGI_FormTuples(i).value) - Pos Do While i < CGI_NumFormTuples Pos = InStr(1,

If Ruxtabbool = False Then

RUXTAB.MoveFirst

```
Do Until RUXTAB.EOF

If RUXTAB.Fields(0) = CGI_AuthUser And RUXTAB.Fields(2) = Mtptable And RUXTAB.Fields(3) = MTPTASKRefnum And RUXTAB.Fields(4)

Rutable And RUXTAB.Fields(5) = RUTaskRefNUM And RUXTAB.Fields(6) = "Yes" Then
                                                                                     If Table.Fields(6) = RUTaskRefNUM Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Temptask = Left$ (Temptask, Pos - 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         = MTPTAskRefnum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           = RUTaskRefNUM
                                                                                                                                                                                                                                                                                                                                                                                                                              = CGI_AuthUser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RUXTAB.Fields(9) = Temptask
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Temptask = Table. Fields (3)
                                                                                                                                                                                                                     RUXTAB.Fields(6) = "Save_No"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              = "Save_No"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       = Mtptable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          = Rutable
                                                                                                                                                                                                                                                                                                                                                                                                                                                   = Session
                                                                                                                                                                                                                                                                                                                                                                                           If RUXBOOL = False Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Do Until Table.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Table.MoveLast
                                                                                                                                                                                                                                                                                                                                                                                                                                                                RUXTAB.Fields(2) = RUXTAB.Fields(3) = RUXTAB.Fields(4) = RUXTAB.Fields(5) = RUXTAB.Fields(5) =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RUXTAB. Update
                                                                     RUXBOOL = True
                                                                                                                                                                                    RUXBOOL = True
                                                                                                                                                                                                                                                                                                                                                                                                                                RUXTAB. Fields (0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                  RUXTAB. Fields (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RUXTAB. Fields (6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RUXTAB. Fields (7)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RUXTAB. Fields (8)
                                                                                                                                                                                                                                           RUXTAB. Update
                                                                                                                                                                                                                                                                                                 RUXTAB.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Table.MoveFirst
RUXBOOL = False
                                                                                                                                                                                                    RUXTAB. Edit
                                                                                                                                                                                                                                                                                                                                                                                                              RUXTAB. AddNew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Table.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          End If
                                                                                                                                                                                                                                                             End If
                                                                                                                                                                                                                                                                                                                                                       End If
                                                                                                                                                                                                                                                                                                                  Loop
```

End If

```
Elseif RUXTAB.Fields(0) = CGI_AuthUser And RUXTAB.Fields(2) = Mtptable And RUXTAB.Fields(4) = Rutable And RUXTAB.Fields(3) =
                                                                                                                                                                                                                                                                                                                                                                                                                             ElseIf RUXTAB.Fields(0) = CGI_AuthUser And RUXTAB.Fields(2) = Mtptable And RUXTAB.Fields(4) = Rutable And RUXTAB.Fields(3) MTPTAskRefnum And RUXTAB.Fields(6) = "Save_Yes" Then
                                                                                                                                                                                                                                                                                                                              If RUXTAB.Fields(0) = CGI_AuthUser And RUXTAB.Fields(2) = Mtptable And RUXTAB.Fields(4) = Rutable And RUXTAB.Fields(3) MTPTAskRefnum And (RUXTAB.Fields(6) = "No" Or RUXTAB.Fields(6) = "Save_Yes") Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Open "c:\netscape\server\docs\input\temp\test.txt" For Output As #xx Print #xx, Mtptable
                                                                                                                           If RUXTAB.BOF = True And RUXTAB.EOF = True Then Ruxtabbool = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MTPTASkRefnum And RUXTAB. Fields (6) = "Save_No" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RUXTAB.Fields(6) = "Yes"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RUXTAB.Fields(6) = "No"
RUXTAB.Update
                                                                                                                                                                                             If Ruxtabbool = False Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         xx = FreeFile
                                                                                                                                                                                                                                                                  Do Until RUXTAB.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , end of ru_x update
                                                                                                 Ruxtabbool = False
                                                                                                                                                                                                                                                                                                                                                                                                RUXTAB. Delete
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RUXTAB. Update
                                                                                                                                                                                                                                RUXTAB.MoveFirst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RUXTAB. Edit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RUXTAB.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RUXTAB.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Table.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Close #xx
i = i + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      End If
```

П

Set Tsscdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb")

```
Set TSSC = Tsscdb.OpenRecordset("SELECT DISTINCTROW" & Rutable & ".USERID, " & Rutable & ".Session, " & Rutable & ".MTP," & Rutable & ".RU_Task, " & Rutable & ".RU_Task, " & Rutable & ".RU_Task, " & Rutable & ".RU_PM, " & Rutable & ".RU_PM, " & Rutable & ".Comment From " & Rutable & " WHERE ((" & Rutable & ".USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (" & Rutable & ".MTP_Like " & Chr(39) & Mtptable & Chr(39) & ") AND (" & Rutable & ".MTP_Task=" & Val(PTATASknum) & ") AND (" & Rutable & ".RU_Task=" & Rutasknum & "));")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 If TSSC.Fields(0) = CGI_AuthUser And TSSC.Fields(2) = Mtptable And TSSC.Fields(3) = PTATAsknum And Val(TSSC.Fields(4)) Rutasknum Then TSSC.Delete
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               length = Len(CGI_FormTuples(i).key)
Do While j < length + 1

If Mid(CGI_FormTuples(i).key, j, 1) = "-" Or Mid(CGI_FormTuples(i).key, j, 1) = "+" Then

If 1 = 2 Then Task = Val(Mid(CGI_FormTuples(i).key, k, j - k))

If 1 = 3 Then Step = Val(Mid(CGI_FormTuples(i).key, k, j - k))

If 1 = 4 Then PM = Val(Mid(CGI_FormTuples(i).key, k, j - k))

I = 1 + 1

k = j + 1

End If

End If</pre>
                                                                                                                                                                                                                                                                                                                                      If TSSC.BOF = True And TSSC.EOF = True Then TSSCBool = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    If Left$(CGI_FormTuples(i).key, 4) = "tssc" Then
Set TSSC = Tsscdb.OpenRecordset(Rutable)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   i = 0
Do While i < CGI_NumFormTuples</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   If TSSCBool = False Then
                                                                                                                                                                                                                                                                                                                                                                               TSSC.LockEdits = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Do Until TSSC.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TSSC. MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TSSC.MoveFirst
                                                                                                                                                                                                                                                                                                  TSSCBool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TSSC.AddNew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             j = j + 1
Loop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Loop
```

```
length = Len(CGI_FormTuples(i).key)
Do While j < length + 1

If Mid(CGI_FormTuples(m).key, j, 1) = "-" Or Mid(CGI_FormTuples(m).key, j, 1) = "+" Then

If l = 2 Then Task1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If l = 3 Then Step1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If l = 4 Then PM1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If l = 4 Then PM1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If Task1 = Task And Task1 >= 0 And Step1 >= 0 And PM1 >= 0 And Step1 = Step And PM1 = PM And CGI_FormTuples(m).value <>
                                                                                                                                                                                                                                                                                                                       length = Len(CGI_FormTuples(i).key)
Do While j < length + 1
If Mid(CGI_FormTuples(m).key, j, 1) = "-" Or Mid(CGI_FormTuples(m).key, j, 1) = "+" Then

If 1 = 2 Then Task1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If 1 = 3 Then Step1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If 1 = 4 Then PM1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If 1 = 4 Then PM1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If Task1 = Task And Task1 >= 0 And Step1 >= 0 And PM1 >= 0 And Step1 = Step And PM1 = PM And CGI_FormTuples(m).value <>
                                                                If Left$(CGI_FormTuples(m).key, 4) = "equp" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TSSC.Fields(8) = CGI_FormTuples(m).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             If Left$(CGI_FormTuples(m).key, 4) = "objs" Then
                                   Do While m < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Do While m < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        k = j + 1
End If
j = j + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 = 1 + 1
                                                                                                                                                                                                                   Task1 = -1
                                                                                                                                                                                                                                                       Step1 = -1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Task1 = -1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Step1 = -1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PM1 = -1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     End If
                                                                                                                )
=
0
                                                                                                                                                                                   1 = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Loop
End If
m = m + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0 = E
0 = m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "" Then
```

TSSC.Fields(9) = CGI_FormTuples(m).value

```
Step1 = -1.
Step1 = -1.
PM1 = -1
length = Len(CGI_FormTuples(i).key)
Do While j < length + 1

If Mid(CGI_FormTuples(m).key, j, 1) = "-" Or Mid(CGI_FormTuples(m).key, j, 1) = "+" Then

If 1 = 2 Then Task1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If 1 = 3 Then Step1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If 1 = 4 Then PM1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If 1 = 4 Then PM1 = Val(Mid(CGI_FormTuples(m).key, k, j - k))

If Task1 = Task And Task1 >= 0 And Step1 >= 0 And PM1 >= 0 And Step1 = Step And PM1 = PM And CGI_FormTuples(m).value <>

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TSSC.Fields(10) = CGI_FormTuples(m).value
                                                                                                                                                                                                                                                      m = 0
Do While m < CGI_NumFormTuples
If Left$(CGI_FormTuples(m).key, 4) = "cmts" Then</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       = CGI_AuthUser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             = Mtptable
= PTATAsknum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           = Session
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                = Task
= Step
= PM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ts.

2nd If

1 = 1 + 1

k = j + 1

k = j + 1

End If

j = j + 1

Loop

End If

m = m + 1
End If

1 = 1 + 1

k = j + 1

k = j + 1

End If

j = j + 1

Loop

End If

m = m + 1

Loop
                                                                                                                                                                                                                                                                                                                j = 6

k = j

1 = 2

Task1 = -1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TSSC.Fields(0) =
TSSC.Fields(1) =
TSSC.Fields(2) =
TSSC.Fields(4) =
TSSC.Fields(4) =
TSSC.Fields(6) =
TSSC.Fields(6) =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "" Then
```

TSSC.Update End If

1 = 1 + 1

TSSC.Close

Open "c:\netscape\server\docs\input\temp\testru.txt" For Output As #xx Print #xx, CGI_AuthUser & " "; Now & " " & Nowthen xx = FreeFile, 5 sec

TSSCBool3 = False

Set TSSCQ = Tsscdb.OpenRecordset("SELECT DISTINCTROW" & Rutable & ".USERID, " & Rutable & ".Session, " & Rutable & ".MTP, " & Rutable & ".Rating From " & Rutable & ".WTP.Task," & Rutable & ".Rating From " & Rutable & ".WTP.Task," & Rutable & ".USERID Like "" & CGI_AuthUser & ".") And (" & Rutable & ".MTP Like "" & Mtptable & ".") And (" & Rutable & ".MTP.Task = " & PTATASknum & ") And (" & Rutable & ".RU_Task = " & Rutable & ".RU_Task = " & Rutable & ".RU_Task DESC," dbReadonly)

If TSSCQ.BOF = True And TSSCQ.EOF = True Then TSSCBool3 = True

Set TSSC = Tsscdb.OpenRecordset("SELECT DISTINCTROW RU_XS.USERID, RU_XS.Session, RU_XS.MTP, RU_XS.MTP_Task, RU_XS.RU, RU_XS.RU_Task, RU_XS.Update, RU_XS.TSSC, RU_XS.Comments, RU_XS.RU_Task_Desc, RU_XS.TSSC2 From RU_XS WHERE ((RU_XS.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (RU_XS.RU_Task = " & Rutasknum & ") And (RU_XS.RU_Task = " & Rutasknum & ") And (RU_XS.RU_Like " & Chr(39) & RU_XS.RU_Task, RU_XS.RU_Task, RU_XS.U_Task, RU_XS.U If TSSC.BOF = True And TSSC.BOF = True Then
Send ("No match < 0</p> TSSCBOOL2 = False

TSSC.LockEdits = False TSSCBOOL2 = True

' Set TSSC = Tsscdb.OpenRecordset("RU_Xs") TSSCode = -1

If TSSCBool3 = False Then TSSCQ.MoveFirst

```
a2Stepcounter = a2Stepcounter + 1 Send ("*** a2pmcounter = " & a2PMcounter & "")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                a2pmcount(a2value) = a2pmcount(a2value) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  a2pmcount(a2value) = a2pmcount(a2value) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Stepcount(value) = Stepcount(value) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           If Pmnumber = 1 Then ' compute step rating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pmcount(value) = Pmcount(value) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           a2Stepcounter = a2Stepcounter + 1
                                                                                                                                                                                                                                                                  If Val(TSSCQ.Fields(4)) = Rutasknum Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ElseIf TSSCQ.Fields(7) = "none" Then
                                                                                                                                                                                                                                                                                                                                                                                                                ElseIf TSSCQ.Fields(7) = "med" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ElseIf TSSCQ.Fields(7) = "low" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       pmcounter = pmcounter + 1
a2PMcounter = a2PMcounter + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Stepcounter = Stepcounter + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Stepcounter = Stepcounter + 1
                                                                                                                                                                                                                                                                                                       Stepnumber = TSSCQ.Fields(5)
Tasknumber = TSSCQ.Fields(4)
If TSSCQ.Fields(7) = "high" Then
                                                                                                                                                                                                                                                                                     Pmnumber = TSSCQ.Fields(6)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             If Pmnumber >= 1 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Else 'pmnumber=0
                                                                                                                                                                                                                                                                                                                                                                                              a2value = 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                         a2value = 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              a2value = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    a2value = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                   value = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            value = 0
                                                                                                                                                                                                                                                                                                                                                                         value = 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                value = 1
                                                                                                 Stepcount(i) = 0
a2pmcount(i) = 0
a2PMcounter = 0
                                                                                                                                                            a2Stepcounter = i + 1
Loop '
                                                                                Stepcounter = 0
                                                                                                                                                                                                                                                Do Until TSSCQ.EOF
                                                          pmcounter = 0
                Do Until i = 5
Pmcount(i) =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      End If
i = 0
```

```
a2PMCode = a2PMCode + (((a2pmcount(4) * 4) + (a2pmcount(3) * 3) + (a2pmcount(2) * 2) + (a2pmcount(1) * 2) + (a2pmcount(0)
                                                                                                                                                                                                                                                                                                                                                      // Send ("counts4 = " & a2pmcount(4) & "counts3 = " & a2pmcount(3) & "counts2 = " & a2pmcount(2) & "counts3 = " & a2pmcount(0) & "counts0 = " & a2pmcount(0) & "counter = " & a2pmcounter & " counter & " 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   '
Send ("zero ..... counts4 = " & a2pmcount(4) & "counts3 = " & a2pmcount(3) & "counts1 = " & a2pmcount(1) & "counts0 = " & a2pmcount(0) & "counts1 = " & a2pmcount & "
                                         a2PMCode = a2PMCode + ((a2pmcount(4) * 4) + (a2pmcount(3) * 3) + (a2pmcount(2) * 2) + (a2pmcount(1) * 2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ElseIf pacounter >= 3 And (Pacount(3) / pacounter) >= 0.66 And Pacount(0) + Pacount(1) = 0 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("a2stepcounter = " & a2stepcounter & " stepcounter = " & Stepcounter & "")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ElseIf pmcounter >= 3 And ((Pmcount(3) + Pmcount(2)) / pmcounter) >= 0.66 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Stepcount(2) = Stepcount(2) + 1
 ElseIf pmcounter = 2 And Pmcount(3) + Pmcount(2) = 1 And Pmcount(1) = 1 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ElseIf pmcounter >= 3 And Pmcount(1) / pmcounter >= 0.25 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Stepcount(3) = Stepcount(3) + 1
ElseIf pmcounter = 2 And Pmcount(3) + Pmcount(2) = 2 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Stepcount(1) = Stepcount(1) + 1
ElseIf pmcounter = 2 And Pmcount(1) + Pmcount(0) > 0 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             If pmcounter = 2 And Pmcount(3) = 2 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Stepcount(1) = Stepcount(1) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Stepcount(0) = Stepcount(0) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Stepcount(3) = Stepcount(3) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Stepcount(2) = Stepcount(2) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Stepcount(0) = Stepcount(0) + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 a2Stepcounter = a2Stepcounter + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Stepcounter = Stepcounter + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     a2PMCode = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0 #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ElseIf Pmnumber = 0 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            a2pmcount(X) = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          a2Stepcounter = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        a2pmcount(X)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ' added next two lines 5 feb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             a2PMcounter = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Do Until X = 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Do Until X = 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 X = X + 1
                                                                                                                                  (a2pmcount(0) * 0))
End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0
||
|X
Else
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              'deleted 5 feb
```

```
ElseIf Stepcounter >= 3 And (Stepcount(3) / Stepcounter) >= 0.66 And (Stepcount(0) + Stepcount(1)) / Stepcounter <= 0.25
                                                                                                                                                                                                                                                                                                                                                                                          ElseIf Stepcounter = 2 And \{Stepcount(3) + Stepcount(2)\} = 1 And \{Stepcount(1) = 1\} Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ElseIf Stepcounter >= 3 And (Stepcount(3) + Stepcount(2)) / Stepcounter >= 0.66 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ElseIf Stepcounter >= 3 And (Stepcount(3) + Stepcount(2)) / Stepcounter >= 0.3 Then
                                                                                                                                                                                                                                                                                                                                   ElseIf Stepcounter = 2 And (Stepcount(3) + Stepcount(2)) = 2 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ElseIf Stepcounter >= 3 And Stepcount(3) = Stepcounter Then
                                                                                                                                                                                                                                                                                                                                                                                                                                               ElseIf Stepcounter = 2 And Stepcount(1) >= 1 Then
                                                                                                                                                                                                                                                                          ElseIf Stepcounter = 2 And Stepcount(3) = 2 Then
                                                                                                                                                                                                                           ElseIf Stepcounter = 1 And Stepcount(2) = 1 Then
                                                                                                                                                                 If Stepcounter = 1 And Stepcount(3) = 1 Then
If Stepcounter <> 0 Then a2TPSCode = a2PMCode / Stepcounter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Elself Stepcounter = 2 Then TSSCode = 0
                                                                                a2TPSCode = a2PMCode
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0 || ||
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Stepcount(i)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           a2pmcount(i)
                                                                                                                                                                                                TSSCode = 4
                                                                                                                                                                                                                                                                                                              TSSCode = 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TSSCode = 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TSSCode = 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TSSCode = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TSSCode = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Stepcounter = 0
                                                                                                                                                                                                                                                     TSSCode = 3
                                                                                                                                                                                                                                                                                                                                                                  TSSCode = 3
                                                                                                                                                                                                                                                                                                                                                                                                                    TSSCode = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TSSCode = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TSSCode = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      i = 0
Do Until i = 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pmcount(i)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  i = i + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 pmcounter = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    a2PMCode = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Else
```

Then

If (Pmnumber = 1 Or Pmnumber = 0) And Stepnumber = 1 Then

X = X + 1

```
' Do Until TSSC.EOF
' If Val(TSSC.Fields(5)) = Rutasknum And TSSC.Fields(4) = Rutable And Val(TSSC.Fields(3)) = PTATAsknum And TSSC.Fields(2) = Mtptable
And TSSC.Fields(0) = CGI_AuthUser Then
' TSSC.Edit
' TSSC.Fields(6) = "Yes"
' If Comments <> "" Then TSSC.Fields(8) = ""
' If Comments <> "" Then TSSC.Fields(8) = ""
' TSSC.Fields(7) = TSSC.Ode
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Do Until TSSC.EOF

If Val(TSSC.Fields(5)) = Rutasknum And TSSC.Fields(4) = Rutable And Val(TSSC.Fields(3)) = PTATAsknum And TSSC.Fields(2) = Mtptable And TSSC.Fields(6) = CGI_AuthUser Then

TSSC.Fields(6) = "Yes"

If Comments <> "" Then TSSC.Fields(8) = Comments

If Comments <> "" Then TSSC.Fields(8) = ""

TSSC.Fields(7) = TSSCode

TSSC.Fields(7) = TSSCode

TSSC.Fields(10) = a2TPSCode
                                                                                                                                                                                                                                                                        Send (TSSCode & "")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send (TSSCode & "")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TSSC.MoveFirst
                                                                                                                                                                                                                                                                                                                                   TSSC. Update
                                                                                                                                                                                                                                                                                                                                                                                            TSSC. MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TSSC.Update
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TSSC.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TSSCQ. MoveNext
                                                                                                                                                                                                                                                                                                                                                                  End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Loop
```

TSSC.MoveFirst

End If

Tsscdb.Close TSSCQ.Close TSSC.Close

Open "c:\netscape\server\docs\input\temp\testru2.txt" For Output As #xx Print #xx, CGI_AuthUser & " "; Now & " " & Nowthen xx = FreeFile Close #xx

' tasks update

Set Tsscdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb")

Set TSSC = Tsscdb.OpenRecordset("SELECT DISTINCTROW RU_Xs.USERID, RU_Xs.Session, RU_Xs.MTP, RU_Xs.MTP_Task, RU_Xs.RU_Task, RU_Xs.RU_Task, RU_Xs.Update, RU_Xs.TSSC, RU_Xs.Comments, RU_Xs.RU_Task_Desc From RU_Xs WHERE ((RU_Xs.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (RU_Xs.MTP_Like " & Chr(39) & ")ORDER BY RU_Xs.MTP_Task, RU_Xs.RU_Task, RU_Xs.RU_Task, RU_Xs.RU_Task, RU_Xs.RU_Task, RU_Xs.RU_Task, RU_Xs.Topdate;")

If TSSC.BOF = True And TSSC.EOF = True Then TSSCBOOL2 = True TSSC.LockEdits = False TSSCBOOL2 = False

Set TSSC = Tsscdb.OpenRecordset("RU_Xs")

RUCounterYes = 0

RUCounterNo = 0

If TSSCBOOL2 = False Then TSSC.MoveFirst

Do Until TSSC.EOF

If TSSC.Fields(0) = CGI_AuthUser And TSSC.Fields(2) = Mtptable And Val(TSSC.Fields(3)) = PTATAsknum And TSSC.Fields(4) = Rutable And TSSC.Fields(6) = "Yes" Then RUCounterYes = RUCounterYes + 1

If TSSC.Fields(0) = CGI_AuthUser And TSSC.Fields(2) = Mtptable And Val(TSSC.Fields(3)) = PTATAsknum And TSSC.Fields(4) = Rutable

RUCounterNo = RUCounterNo + 1 And TSSC. Fields (6) = "No" Then

End If

TSSC. MoveNext

Loop

End If TSSC.Close

Set TSSC = TSSCdb.OpenRecordset("SELECT DISTINCTROW RUS.USERID, RUS.Session, RUS.WTP, RUS.WTP_Task, RUS.RU, RUS.UDdate, RUS.RU_Desc, RUS.Number From RUS WHERE ((RUS.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (RUS.WTP Like " & Chr(39) & Wtptable & Chr(39) & "))ORDER BY RUS.MTP_Task;")

If TSSC.BOF = True And TSSC.EOF = True Then TSSCBOOL2 = True TSSC.LockEdits = False TSSCBOOL2 = False

If TSSC.Fields(0) = CGI_AuthUser And TSSC.Fields(2) = Mtptable And Val(TSSC.Fields(3)) = PTATASknum And TSSC.Fields(4) = Rutable ' Set TSSC = Tsscdb.OpenRecordset("RUs") If TSSCBOOL2 = False Then ElseIf RUCounterNo = 0 Then TSSC.Fields(5) = "Yes" End If ElseIf RUCounterNo > 0 Then TSSC.Fields(5) = "Some" If RUCounterYes = 0 Then TSSC.Fields(5) = "No" TSSC. MovePrevious TSSC.Update TSSC.MoveLast Do Until TSSC.EOF TSSC.MoveFirst TSSC.Edit End If Then

TSSC.MoveNext Loop

End If TSSC.Close

Tsscdb.Close

Set PTAXdb = OpenDatabase("c:\netscape\server\docs\input\database\mtptpsc.mdb")
Set Table = Db.OpenRecordset(Mtptable, dbOpenSnapshot)

If Printcounter = 0 Then Set RUQuery = RUdb.OpenRecordset("SELECT DISTINCTROW RUS.USERID, RUS.Session, RUS.MTP, RUS.MTP_Task,
RUS.RU, RUS.Update, RUS.RU_Desc, RUS.Number From RUS WHERE ((RUS.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (RUS.Update
Not Like " & Chr(39) & "Yes" & Chr(39) & ") AND (RUS.MTP Like " & Chr(39) & Mtptable & Chr(39) & "))ORDER BY RUS.MTP_Task;", PTA_Xs.Tasknumber, PTA_Xs.USERID From PTA_Xs WHERE If Printcounter = 1 Then Set RUQuery = RUdb.OpenRecordset("SELECT DISTINCTROW RUS.USERID, RUS.Session, RUS.MTP, RUS.MTP_Task, RUS.RU, RUS.RU_Desc, RUS.Number From RUS WHERE ((RUS.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (RUS.Update Not Like " & Chr(39) & "))ORDER BY RUS.MTP_Task;", Set PTAXtab = PTAXdb.OpenRecordset("SELECT DISTINCTROW PTA_Xs.Update, PTA_Xs.MTP, PTA_Xs.Tasknumber, PTA_Xs.USERID From PT? ((PTA_Xs.Update Like " & Chr(39) & "yes" & Chr(39) & ") AND (PTA_Xs.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & ") AND (PTA_Xs.MTP Like " & Chr(39) & Mtptable & Chr(39) & ")) ORDER BY PTA_Xs.MTP, PTA_Xs.Update;") <> "No") Then If ((PTAXtab.EOF = True And PTAXtab.BOF = True) Or (RUQuery.Fields(3) <> PTAXtab.Fields(2))) Then If (Printcounter = 0 And RUQuery. Fields(5) <> "Yes") Or (Printcounter = 1 And RUQuery. Fields(5) <> PTAXtab.Fields(2))) Then If Printcounter = 0 Then Send ("<H2>Represented Units and Tasks to Be Evaluated</H2>")

If Printcounter = 1 Then Send ("<h2>Completed RU Task - </h2>")

Do Until RUQuery.EOF Send (RUQuery.Fields(3) & " ") Send (PTAXtab.Fields(0) & " " & PTAXtab.Fields(1) & " " & PTAXtab.Fields(2) & If ((PTAXtab.EOF = True And PTAXtab.BOF = True) Or (RUQuery.Fields(3) If RUQuery.EOF = True And RUQuery.BOF = True Then RUQbool = True SRC=""/input/images/rain_lin.gif"" width=100%>") Send (RUQuery.Fields(3) & " & PTAXtab.Fields(2) & " ") Table.FindFirst "[Counter] =" & RUQuery.Fields(3) If RUQuery. Fields (3) <> Lasttask Then If Printcounter = 1 Then Send ("") Pos = InStr(1, Temptask, "(", 1) Temptask = Table. Fields (3) PTAbool = True Send ("*************) Do Until Printcounter = 2 If RUQbool = False Then PTAXtab.MoveFirst Table.MoveFirst RUQuery. MoveFirst PTAbool = True Send ("<IMAGE db0penSnapshot) dbOpenSnapshot) Lasttask = 0 End If Else

Printcounter = 0

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RU_XS.RU_Task, RU_XS.Update, RU_XS.TSSC, RU_XS.Comments, RU_Xs.RU_Task_Desc From RU_Xs WHERE ((RU_Xs.USERID Like " & Chr(39) & CGI_Authuser & Chr(39) & ") AND (RU_Xs.MTP_Task= " & Val(Field3) & ") AND (RU_Xs.RU Like " & Chr(39) & Field4 & Chr(39) & ")) ORDER BY RU_Xs.RU_Task;", dbopenSnapshot)

If RUXTAB.BOF = True And RUXTAB.BOF = True Then Ruxtabbool = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("<hr><b>First,</b> Select Tasks to Evaluate for this Unit: <INPUT TYPE=""SUBMIT"" VALUE= ""Represented Unit -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Set RUXTAB = RUdb.OpenRecordset("SELECT DISTINCTROW RU_XS.USERID, RU_XS.Session, RU_XS.MTP, RU_XS.MTP_Task, RU_XS.RU,
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                                                                                                                                                                                                                                         ("<INPUT TYPE=""HIDDEN"" NAME=""mtpselect"" VALUE="" & Mtptable & """>")
("<INPUT TYPE=""HIDDEN" NAME=""mtptasknum" VALUE="" & RUQuery.Fields(3) & """>")
("<INPUT TYPE=""HIDDEN" NAME=""mtpname"" VALUE="" & MTPNAME & """>")
("<INPUT TYPE=""HIDDEN" NAME=""ruselect"" VALUE="" & RUQuery.Fields(4) & """>")
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("<INPUT TYPE=""HIDDEN"" NAME=""mtptasknum" VALUE="" & RUQuery.Fields(3) & """>")
("<INPUT TYPE=""HIDDEN" NAME=""mtpname"" VALUE="" & MTPNAME & """>")
("<INPUT TYPE=""HIDDEN" NAME=""ruselect"" VALUE="" & RUQuery.Fields(4) & """>")
("<INPUT TYPE=""HIDDEN" NAME=""Session" VALUE="" & Session & """>")
("<INPUT TYPE=""HIDDEN" NAME=""PTATASK" VALUE="" & Temptask & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUNAME"" VALUE="" & RUQuery.Fields(6) & """>")
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                                                                                                                          ("<INPUT TYPE=""HIDDEN"" NAME=""Session" VALUE="" & Session & """>")
("<INPUT TYPE=""HIDDEN" NAME=""PTATASK"" VALUE="" & Temptask & """>")
                                     ("<INPUT TYPE=""HIDDEN"" NAME=""FILE"" VALUE="" & Filename & """>")
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                                                                                                                                                                                                            ("<form method=""post"" action=""/wincgi/mapru.exe"">")
If Pos = 0 Then Pos = Len(Table.Fields(3)) + 1
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Field4 = RUQuery.Fields(4)
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Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUNAME"" VALUE="" & RUQUery.Fields(6) & """>")

Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASK"" VALUE="" & RUXTAB.Fields(9) & """>")

Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASKNUM"" VALUE="" & RUXTAB.Fields(5) & """>")

Send ("<1i>>hr><font size=-1><INPUT TYPE=""SUBMIT"" VALUE= ""RU Task - " & RUXTAB.Fields(9) & """></font>")

If Printcounter = 1 And (RUXTAB.Fields(8) <> " " And RUXTAB.Fields(8) <> "") Then Send ("<br/>
"> Then Send ("> Then Send ("<br
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                                                                      TYPE=""HIDDEN"" NAME=""PTATASKNUM"" VALUE="" & RUQuery.Fields(3) & """>")
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```

End Sub

APPENDIX G - SOURCE CODE FOR EVALUATION OF REPRESENTED UNIT TASKS (MAPRU.EXE)

```
Set RUxs = RUdb.OpenRecordset("SELECT DISTINCTROW RU_XS.USERID, RU_XS.Session, RU_XS.MTP, RU_XS.MTP_Task, RU_XS.RU, RU_XS.RU, Task, RU_XS.RU_Task, RU_XS.Update, RU_XS.TSSC, RU_XS.Comments, RU_XS.RU_Task_Desc From RU_XS WHERE ((RU_XS.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39)
                                             Dim Gotit, Rubool As Boolean
Dim i, X, Y, 1, m, px, Session, MTPTasknum, Pos As Integer
Dim RUTASK, RUTASKNUM, PTATASKNUM, FIlename, Rutext, mtptext, Listtype, MTPNAME, temptask, Runame, Lastelement, Mtptable, RUTable,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     If LCase(CGI_FormTuples(i).key) = "session" Then Session = (CGI_FormTuples(i).value)

If CGI_FormTuples(i).key = "FILE" Then FIlename = (CGI_FormTuples(i).value)

If CGI_FormTuples(i).key = "mtptasknum" Then MTPTasknum = Val(CGI_FormTuples(i).value)

If CGI_FormTuples(i).key = "mtpselect" Then Mtptable = Left(CGI_FormTuples(i).value, 8)

If CGI_FormTuples(i).key = "ruselect" Then RTTable = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LCase(CGI_FormTuples(i).key) = "ptatask" Then PTATASKTEXT = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LCase(CGI_FormTuples(i).key) = "mtpname" Then MTPNAME = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          If CGI_FormTuples(i).key = "ruselect" Then RUTable = CGI_FormTuples(i).value
If LCase(CGI_FormTuples(i).key) = "mtpname" Then MTPNAME = CGI_FormTuples(i).value)
If CGI_FormTuples(i).key = "SESSION" Then Session = Val(CGI_FormTuples(i).value)
If LCase(CGI_FormTuples(i).key) = "ptatask" Then PTATASKTEXT = CGI_FormTuples(i).v
If CGI_FormTuples(i).key = "mtpTASKNUM" Then PTATASKNUM = CGI_FormTuples(i).value
If CGI_FormTuples(i).key = "RUNAME" Then Runame = CGI_FormTuples(i).value
If CGI_FormTuples(i).key = "RUTASKNUM" Then RUTASKNUM = CGI_FormTuples(i).value
If CGI_FormTuples(i).key = "RUTASKNUM" Then RUTASKNUM = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Set RUdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Set Db = OpenDatabase("c:\netscape\server\docs\input\database\mtptask.mdb")
                                                                                                                                                                                                                                    PTATASKTEXT As String
Dim Db, Db1, Userdb, RUdb As Database
Dim Table, Table1, Usertable, RUxs As Recordset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Set RUxs = RUdb.OpenRecordset("RU_Xs")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Get the user's session number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Send ("Content-type: text/html")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Do While i < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   mtptext = Mtptable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Rubool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mtptable = "x"
Sub CGI_Main()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   = i + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0 =
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Send ("<Center><b>Select all of the Represented Unit tasks to support the Training Audience and its task in WARSIM:</b></center>")
& ") AND (RU_XS.MTP Like " & Chr(39) & Mtptable & Chr(39) & ") AND (RU_XS.RU Like " & Chr(39) & RUTable & Chr(39) & "))ORDER BY RU_XS.MTP_Task, RU_XS.RU_Task, RU_XS.U_Task, RU_XS.U_Task, RU_XS.BOF = True And RUxs.EOF = True Then Rubbool = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("<TR><TD><B><H3><Center>Task Number</center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center></center>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send ("<HTML><CENTER><TITLE>Training Audience Task - " & PTATASKTEXT & "</TITLE></CENTER>")
Send ("<Body TEXT=""#000000"" BGCOLOR=""#00FFFF"" LINK=""#0000EE"" VLINK=""#551A8B"" ALINK=""#FF0000"">")
Send ("<br/>Send ("<br/>C*otex><H2><Center>Select Represented Unit Tasks for " + Runame + "<br/>Send ("<FORM METHOD=""POST"" ACTION= ""/wincgi/ruxs.exe"" >")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Standards</center></H3></HD><TD><TD><B><H3></enter>Represented Unit TASK?</center></H3></H3></ED></TD></TR>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ("<Center>When complete, push the button at the bottom of this frame.</center>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ("<INPUT TYPE=""HIDDEN"" NAME=""PTATASKNUM"" VALUE=""" & MTPTasknum & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("Conducting Training Audience Task - " + PTATASKTEXT + "</center></h2>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ("<FORM METHOD=""POST"" ACTION= ""/wincgi/updtru.exe"" >")
("<INPUT TYPE=""HIDDEN"" NAME=""FILE"" VALUE=""" & FIlename & """> ")
("<INPUT TYPE=""HIDDEN"" NAME=""SESSION"" VALUE="" & Session & """> ")
("<INPUT TYPE=""HIDDEN"" NAME=""Rtptable"" VALUE="" & Mtptable & """> ")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ("<INPUT TYPE=""HIDDEN"" NAME=""mtpname"" VALUE=""" & MTPNAME & """>") ("<INPUT TYPE=""HIDDEN"" NAME=""rutable"" VALUE=""" & RUTable & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Send ("<TR><TD><font size=+1>" + Table.Fields(2) + "</font></TD><TD>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("Supporting Training Audience - " + MTPNAME + "<br/>br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("<B><font size=+1>TASK: </font></B>" + temptask)
                                                                                                                                                                                                                                                                                                                                                                                                                                 Set Table = Db.OpenRecordset(RUTable, dbOpenSnapshot)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               If Pos = 0 Then Pos = Len(Table Fields(3)) + 1
temptask = Left$(temptask, Pos - 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Table.Fields(1) + "</font></rr></rr>Lastelement = Table.Fields(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pos = InStr(1, temptask, "(", 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           If Table. Fields (3) <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          If Table. Fields (2) <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Send ("<TR><TD></TD><TD>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        temptask = Table.Fields(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ("<FORM METHOD=""POST""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send ("<FORM METHOD=""POST""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ("<TABLE BORDER=1>")
                                                                                                                                                                                                                      RUxs.LockEdits = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Do Until Table. EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send
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If RUXS.Fields(0) = CGI_AuthUser And RUXs.Fields(2) = Mtptable And RUXs.Fields(4) = RUTable And RUXs.Fields(3) = MTPTasknum If Table.Fields(6) <> "" Then Send ("<pr><Center><INPUT type = ""checkbox"" name =""ruselect" & RUTable & " & MTPTasknum & "_" & (Table.Fields(6)) & """) Send (Table.Fields(3) & "xxxxx" & Table.Fields(4) & "xxxxx" & Table.Fields(5) & "xxxxx" & Table.Fields(6) & "xxxxx") Send ("
/font>& "xxxxx" & Table.Fields(6) & "xxxxx") Send ("
/font>& "" value="" & MTPTasknum & Table.Fields(6) & "xxxxx") Send ("
/font> 'Send ("<FORM METHOD=""POST"" ACTION= ""/wincgi/ruxs.exe"" ><Center><INPUT type = ""checkbox"" name =""ruselect" & RUTable & value="" & MTPTasknum & "_" & (Table.Fields(6)) & """)) ("checked></center></TD><INPUT TYPE=""HIDDEN"" NAME=""SESSION"" VALUE="" & Session & """>") Send ("></center>Send ("></center>TYPE=""HIDDEN" NAME=""SESSION" VALUE="" & Session & """>") Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASKNUM"" VALUE=""" & RUXS.Fields(5) & """>") ("<INPUT TYPE=""HIDDEN"" NAME=""ATPTABLE"" VALUE=""" & MIDEABLE & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""PTATASK"" VALUE="" & PTATASKTEXT & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""FTATASKNUM"" VALUE="" & MTPTASKNUM & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""RUTABLE"" VALUE="" & RUTABLE & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""RUTABLE"" VALUE="" & RUTABLE & """>") Send ("<INPUT TYPE=""HIDDEN" NAME=""MTPNAME"" VALUE="" & MTPNAME & "">")
Send ("<INPUT TYPE=""HIDDEN" NAME=""FILE" VALUE="" & FIlename & "">")
Send ("<INPUT TYPE=""HIDDEN" NAME=""MTPTABLE"" VALUE="" & Mtptable & "">") ("<INPUT TYPE=""HIDDEN"" NAME=""MTPNAME"" VALUE=""" & MTPNAME & """>") ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASK"" VALUE=""" & temptask & """>") " 4 " " " ("<INPUT TYPE=""HIDDEN"" NAME=""FILE"" VALUE=""" & FIlename & And RUxs. Fields (5) = Table. Fields (6) Then Gotit = False If Rubool = False Then Send ("") RUxs.MoveLast Gotit = True value="" & MTPTasknum & " If Gotit = False Then Do Until RUxs. EOF (Table.Fields(6)) & """) RUxs.MoveNext RUxs.MoveFirst Send Send Send Send Send Send Send

W

Here is where I figure out is a guy X'd the block - will need to redo this with the appropriate table

```
Send ("<P><Center><INPUT TYPE=SUBMIT VALUE= ""Return to RU Task Selection/ Evaluation"" ><INPUT TYPE= ""RESET"" VALUE= ""Clear Current Responses""></Center>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Send ("<!nNPUT TYPE=""HIDDEN"" VALUE= ""RU Task - " & temptask & """>

App | App |
Send ("<INPUT TYPE=""HIDDEN"" NAME=""PTATASKNUM"" VALUE="" & PTATASKTEXT & "">")
Send ("<INPUT TYPE=""HIDDEN"" NAME=""PTATASKNUM"" VALUE="" & MTPTASKnum & "">")
Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUTABLE"" VALUE="" & RUTABLE & "">")
Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUNAME"" VALUE="" & Runame & "">")
Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASK"" VALUE="" & temptask & "">")
Send ("<INPUT TYPE=""HIDDEN" NAME=""RUTASK" VALUE="" & temptask & "">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Table. MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Send ("</form>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Send ("</HTML>")
Send ("</BODY>")
Db.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Table.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RUxs.Close
RUdb.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Loop
```

APPENDIX H - SOURCE CODE FOR DETAILED SELECTION OF REPRESENTED UNIT TASKS

```
Sub CGI_Main()

Dim Gotit, Rubool As Boolean

Dim i, X, Y, 1, m, px, Session, MTPTasknum, Pos As Integer

Dim i, X, Y, 1, m, px, Session, MTPTasknum, Rutext, mtptext, Listtype, MTPNAME, temptask, Runame, Lastelement, Mtptable, RUTable,

Dim RUTASK, RUTASKNUM, PTATASKNUM, FIlename, Rutext, mtptext, Listtype, MTPNAME, temptask, Runame, Lastelement, Mtptable, RUTable,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 If CGL_FormTuples(i).key = "mtptasknum" Then MTPTASknum = Val(CGL_FormTuples(i).value)

If CGL_FormTuples(i).key = "mtptasknum" Then MTPTASknum = Val(CGL_FormTuples(i).value, 8)

If CGL_FormTuples(i).key = "mtpselect" Then RUTable = CGL_FormTuples(i).value

If LCase(CGL_FormTuples(i).key) = "mtpname" Then MTPNAME = CGL_FormTuples(i).value

If CGL_FormTuples(i).key = "SESSION" Then Session = Val(CGL_FormTuples(i).value)

If LCase(CGL_FormTuples(i).key = "mtpname" Then PTATASKTEXT = CGL_FormTuples(i).value)

If CGL_FormTuples(i).key = "RUNAME" Then RUTASKNUM = CGL_FormTuples(i).value

If CGL_FormTuples(i).key = "RUTASKNUM" Then RUTASKNUM = CGL_FormTuples(i).value

If CGL_FormTuples(i).key = "RUTASKNUM" Then RUTASKNUM = CGL_FormTuples(i).value

If CGL_FormTuples(i).key = "RUTASK" Then RUTASK = CGL_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       If LCase(CGI_FormTuples(1).key) = "session" Then Session = (CGI_FormTuples(1).value)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      If CGI_FormTuples(i).key = "FILE" Then Filename = (CGI_FormTuples(i).value)
(MAPRU2.EXE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Set Db = OpenDatabase("c:\netscape\server\docs\input\database\mtptask.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Set RUdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb")
                                                                                                                                                                                                                                                                                                                                       PTATASKTEXT As String
Dim Db, Db1, Userdb, RUdb As Database
Dim Table, Table1, Usertable, RUxs As Recordset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Set RUxs = RUdb.OpenRecordset("RU_Xs")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send ("Content-type: text/html")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Get the user's session number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Do While i < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    mtptext = Mtptable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Rubool = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mtptable = "x"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send ("")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0
```

Set RUXS = RUdb.OpenRecordset("SELECT DISTINCTROW RU_XS.USERID, RU_XS.Session, RU_XS.MTP, RU_XS.MTP_Task, RU_XS.RU, RU_XS.RU, Task, RU_XS.Uydate, RU_XS.TSSC, RU_XS.Comments, RU_XS.RU_Task_Desc From RU_XS.WHERE ((RU_XS.USERID Like " & Chr(39) & CGI_AuthUser & Chr(39) & CGI_AuthUser & Chr(39) & RU_XS.MTP_Like " & Chr(39) & Mtptable & Chr(39) & ")ORDER BY RU_XS.MTP_Task, RU_XS.RU_Task, RU_XS.Uydate;")

If RUXS.BOF = True And RUXS.EOF = True Then Rubool = True

RUxs.LockEdits = False

Set Table = Db.OpenRecordset(RUTable, dbOpenSnapshot)

("<HTML><CENTER><TITLE>Training Audience Task - " & PTATASKTEXT & "</TITLE></CENTER>")
("<BODY TEXT=""#551A8B"" ALINK=""#FF0000"">")
("
("
("
<H2><Center>Evaluate Represented Unit Tasks for " + Runame + "
br>") Send ("Supporting Training Audience - " + MTPNAME + "
 " |
Send ("Conducting Training Audience Task - " + PTATASKTEXT + "</center></h2>") Send Send

Send ("<Center>Evaluate all of the selected Represented Unit tasks to support the Training Audience and its task in WARSIM:</center>") Send ("<TR><TD><H3><Center>Task Number</center></H3><H3><Center>Task
Standards</center></H3></TD><TD><ED><H3><Center>Evaluate RU
Standards

Standards</pre TASK</center></H3></TD></TR>")

Do Until Table. EOF

Here is where I figure out is a guy X'd the block - will need to redo this with the appropriate table

If Rubool = False Then Do Until RUxs.EOF RUxs.MoveFirst Gotit = False

= MTPTasknum If RUxs.Fields(0) = CGI_AuthUser And RUxs.Fields(2) = Mtptable And RUxs.Fields(4) = RUTable And RUxs.Fields(3) And RUxs. Fields (5) = Table. Fields (6) Then

If Table.Fields(1) <> "" And Table.Fields(1) <> Lastelement Then Send ("td></t Table.Fields(1) + "</rr></rr></rr>Lastelement = Table.Fields(1)

Send ("<TR><TD>" + Table.Fields(2) + "</TD><TD>") If Table.Fields(2) <> "" Then

```
><Center><INPUT type = ""checkbox" name =""ruselect" & RUTable & """ value=""" & MTPTasknum & "_" & (Table.Fields(6)) & """)
Send ("></center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center>'><center></td
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  If Table.Fields(6) <> "" Then Send ("cbr></font>\text{MeTHOD=""POST"" ACTION= ""/wincgi/updtru.exe""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("<!npUT TYPE=""SUBMIT"" VALUE= ""RU Task - " & temptask & """></form></TR>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ____
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASKNUM"" VALUE=""" & RUxs.Fields(5) & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ""/wincgi/updtru.exe""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ("<INPUT TYPE=""HIDDEN"" NAME=""PTATASKNUM"" VALUE="" & MTPTasknum & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME=""PTATASKNUM"" VALUE=""" & MTPTasknum & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ("<INPUT TYPE=""HIDDEN" NAME=""PTATASK"" VALUE="" & PTATASKTEXT & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME=""PTATask"" VALUE=""" & PTATASKTEXT & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ("<INPUT TYPE=""HIDDEN"" NAME=""MTPNAME"" VALUE="" & MTPNAME & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""FILE"" VALUE="" & FIlename & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""MTPTABLE"" VALUE="" & Mtptable & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME=""MTPTABLE"" VALUE=""" & Mtptable & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE=""HIDDEN"" NAME=""RUTABLE"" VALUE=""" & RUTable & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME=""RUTABLE"" VALUE=""" & RUTable & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME=""SESSION"" VALUE=""" & Session & """>")
NAME=""MTPNAME"" VALUE=""" & MTPNAME & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASK"" VALUE="" & Runame & """>")
("<INPUT TYPE=""HIDDEN" NAME=""RUTASK"" VALUE="" & temptask & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ("<INPUT TYPE=""HIDDEN"" NAME=""RUNAME"" VALUE=""" & Runame & """>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ("<""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME=""FILE"" VALUE=""" & FIlename &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Send ("</center></h3>ACTION= "POST" ACTION=
                                                                                                                                                                                                                                                                                                                                                                                                   Send ("<B><font size=+1>TASK: </font></B>" + temptask)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("<br/>td><h3><center>")
                                                                                                                                                                                                                                                                                                   If Pos = 0 Then Pos = Len(Table.Fields(3)) + 1
temptask = Left$(temptask, Pos - 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       If RUxs.Fields(6) = "Yes" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("<INPUT TYPE=""HIDDEN""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ("<INPUT TYPE=""HIDDEN""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ("<INPUT TYPE=""HIDDEN""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ("<INPUT TYPE=""HIDDEN""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ("<INPUT TYPE=""HIDDEN""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           If Table.Fields(6) <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ("<INPUT TYPE=""HIDDEN""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Send ("<INPUT TYPE=""HIDDEN""
                                                                                                                                                                                                                                                           Pos = InStr(1, temptask, "(", 1)
                                                                                                                                                               If Table. Fields (3) <> "" Then
Send ("<TR><TD></TD><TD>")
End If
                                                                                                                                                                                                   temptask = Table.Fields(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send ("Yes")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("No")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "<INPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RUxs.MoveLast
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gotit = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      If Gotit = False Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RUxs.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Else
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Send
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           End If
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Loop
```

Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASK"" VALUE=""" & temptask & """>")
Send ("<INPUT TYPE=""HIDDEN"" NAME=""RUTASKNUM"" VALUE="" & Table.Fields(6) & """>")
Send ("* temptask & """>

End If

Loop Send ("") Send ("<Center><INPUT TYPE=SUBMIT VALUE= ""Return to RU Task Selection/ Evaluation"" ><INPUT TYPE= ""RESET"" VALUE= ""Clear Current Responses""></Center>") Send ("</form>") Table.MoveNext Send ("</HTML>")
Send ("</BODY>")
Db.Close RUxs.Close RUdb.Close

APPENDIX I - SOURCE CODE FOR PRESENTATION OF REPRESENTED UNIT TASK DETAILS

```
TSSCDatabool = False

Set TSSCData = TSSCdb.OpenRecordset("SELECT DISTINCTROW " & RUTable & ".USERID, " & RUTable & ".Session, " & RUTable & ".MTP_Task, " & RUTable & ".RU_Task, " & RUTable & ".RU_Task, " & RUTable & ".Ru_Table & ".Ru_Table & ".Comment From " & RUTable & ".Where ((" & RUTable & ".USERID Like "" & CGI_AuthUser ".Equip, " & RUTable & ".WTp Like "" & MTPTable & "." And (" & RUTable & ".WTp_Task = " & Ptatasknum & ") and (" & RUTable & ".Ru_Task = " & Ptatasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Ptatasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & Rutasknum & ") and (" & RUTable & ".Ru_Task = " & RUTable & ".R
                                                                                                                                                                                                                                                                                                                                                                                                                       Dim Db, Db1, TSSCdb, RUdb As Database
Dim Table, Table1, TSSCData, RUdata As Recordset
Dim Rating, tempfile, Teststring, Comments, Prodpipe, Prodpipe3, temptask, PTATASK, RUTable, RUTask, RUMame, Filename As
String
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LCase(CGI_FormTuples(i).key) = "ptatask" Then PTATASK = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CGI_FormTuples(i).key = "PTATASKNUM" Then Ptatasknum = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               If CGI_FormTuples(i).key = "MTPTABLE" Then MTPTADLE = CGI_FORMTuples(i).valu

If LCase(CGI_FormTuples(i).key) = "ptatask" Then PTATASK = CGI_FormTuples(i).valu

If CGI_FormTuples(i).key = "PTATASKNUM" Then Ptatasknum = CGI_FormTuples(i).value

If CGI_FormTuples(i).key = "RUTABLE" Then RUTable = CGI_FormTuples(i).value

If CGI_FormTuples(i).key = "RUTASK" Then RUTask = CGI_FormTuples(i).value

If CGI_FormTuples(i).key = "RUTASK" Then RUTask = CGI_FormTuples(i).value

If CGI_FormTuples(i).key = "FILE" Then Rutasknum = CGI_FormTuples(i).value

If CGI_FormTuples(i).key = "FILE" Then Filename = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            If CGI_FormTuples(i).key = "SESSION" Then Session = CGI_FormTuples(i).value
If CGI_FormTuples(i).key = "MTPNAME" Then Mtpname = CGI_FormTuples(i).value
If CGI_FormTuples(i).key = "MTPTABLE" Then MTPTable = CGI_FormTuples(i).value
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Set TSSCdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb")
(UPDTRU.EXE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Set Db = OpenDatabase("c:\netscape\server\docs\input\database\mtptask.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Set Db1 = OpenDatabase("c:\netscape\server\docs\input\database\mtppm.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dim Nextrec, xx As Integer
Dim Currentfield2, Currentfield4, Currentfield5, Currentfield6 As Integer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TSSCdb.OpenRecordset(RUTable, dbOpenSnapshot)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Set Table1 = Db1.OpenRecordset(RUTable, dbOpenSnapshot)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sub CGI_Main()
Dim Filenumber, Pos, Ptatasknum, Rutasknum, i As Integer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Set Table = Db.OpenRecordset(RUTable, dbOpenSnapshot)
                                                                                                                                                                                                                                                                                                                                                    Dim RUBool, TSSCDatabool, TSSCBOOL2 As Boolean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Table.FindFirst "[Counter] =" & Rutasknum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      temptask = Left$(temptask, Pos - 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Do While i < CGI_NumFormTuples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          temptask = Table.Fields(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Set TSSCData =
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Send ("var scrtxt=""Evaluate" & RUTask & " conducted by " & RUName & " as a Represented Unit for Training Audience " & Mtpname &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("<H2><Center> Represented Unit - " & RUName & " <br/> dr>Performing Task " & RUTask & " <br/> dr>in support of " & Mtpname & <br/> dr>conducting task " & PTATASK & "</Center></H2>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("<BODY bgcolor=""#00FFFF"" text=""#000000" onLoad=""scrol1();return true;"">")
                                                                                                                                                                                                      Send ("<SCRIPT LANGUAGE=""JavaScript"">") '<!-- Begininning of JavaScript Applet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("<INPUT TYPE=""HIDDEN" NAME=""SESSION" VALUE="" & Session & "">")
Send ("<INPUT TYPE=""HIDDEN" NAME=""MTPTABLE"" & Mtpname & "">")
Send ("<INPUT TYPE=""HIDDEN" NAME=""MTPTABLE"" VALUE="" & MTPTABLE & "">")
Send ("<INPUT TYPE=""HIDDEN" NAME=""MTPTABLE"" VALUE="" & MTPTABLE & "">")
Send ("<INPUT TYPE=""HIDDEN" NAME=""PATASK" VALUE="" & PTATASK & "">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("<H2><Center> Rate Steps and Performance Measures </Center></H2>")
                                                                                                                 ("<HTML><HEAD><TITLE>TA Task - " & PTATASK & " </TITLE>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("scroller=scroller+scrtxt.substring(pos,width+pos);")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Send ("<FORM METHOD= ""POST"" ACTION=""/wincgi/ruxs.exe"">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("scroller=scroller+scrtxt.substring(0,width-i+1);")
                                                                                ("<!DOCTYPE HTML PUBLIC ""-//IETF//DTD HTML//EN"">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("for (var i=1; i<=Math.abs(pos); i++) {")
Send ("scroller=scroller+"" "; ; ")</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send ("setTimeout(""scrol1()"",150);")
                                                                                                                                                                                                                                                                                                                                                                               conducting task " & PTATASK & ".";")
                                                                                                                                                                                                                                                                                                                                                                                                                    Send ("var lentxt=scrtxt.length;")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("window.status = scroller;")
Send ("Content-type: text/html")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Send ("function scroll() (")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("var scroller="";")
Send ("if (pos==lentxt) (")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send ("var pos=1-width;")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("var width=200;")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (" pos=1-width;")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("if (pos<0) (")
                                                                                                                                                                                                                                                      Send ("<!-- Hide")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("</SCRIPT>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Send ("else (")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("pos++;")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("//-->")
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Send ("<U><b>MINIMUM DTETAILS:</b></u><sup>*</sup>All this is required is to know the the RU TS/ PM has been executed (Yes/No).<br/>br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("c/td><br/>bottom><br/>towhat extent do you require the details of the accomplishment of this step/performance measure?<br/>performance measure?<br/>cp>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send ("<sup>*</sup><i>Indicates that comments are required.</i></i></b>td>dalign=center valign=bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>companies<br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bottom><br/>bo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("<U><b>FULL DETAILS:</b></U>All aspects of the RU's TS/ PM must be modeled in the simulation to stimulate the associated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 If Table.Fields(2) <> "" Then Send ("<font size=+1><B>TASK NUMBER: </B></font>" + Table.Fields(1) + "<br/>
If Table.Fields(1) <> "" Then Send ("<font size=+1><B>ELEMENT: </B></font>" + Table.Fields(1) + "<br/>
If Table.Fields(3) <> "" Then Send ("<font size=+1><B>TASK: </B></font>" + Table.Fields(3) + "<br/>
If Table.Fields(4) <> "" Then Send ("<font size=+1><B>CONDITIONS: </B></font>" + Table.Fields(4) + "<br/>
If Table.Fields(5) <> "" Then Send ("<font size=+1><B>STANDARDS: </B></font>" + Table.Fields(5) + "<br/>
| Table.Fields(5) <> "" Then Send ("<font size=+1><B>STANDARDS: </B></fort>" + Table.Fields(5) + "<br/>
| Table.Fields(5) <> "" Then Send ("<font size=+1><B>STANDARDS: </br>
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If Currentfield2 = 4 Then Send ("<TD><B>" + Table1.Fields(3) + "</B>")
If Currentfield2 = 5 Then Send ("<TD><B>" + Chr(187) + Table1.Fields(3) + "</B>")
If Currentfield2 = 5 Then Send ("<TD><B>" + Chr(187) + Chr(187) + Table1.Fields(3) + "</B>")
If Currentfield2 = 6 Then Send ("<TD><B>" + Chr(187) + Chr(187) + Table1.Fields(3) + "</B>")
                                                           ("<INPUT TYPE=""HIDDEN"" NAME=""RUTABLE"" VALUE="" & RUTable & """>")
("<INPUT TYPE=""HIDDEN"" NAME="RUTASK"" VALUE="" & RUTask & """>")
("<INPUT TYPE=""HIDDEN"" NAME="RUTASKNUM" VALUE="" & RUTask & """>")
("<INPUT TYPE=""HIDDEN"" NAME="RUTASKNUM" VALUE="" & RUTASKNUM & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""FILE"" VALUE="" & Filename & """>")
("<INPUT TYPE=""HIDDEN"" NAME=""FILE"" VALUE="" & Filename & """>")
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TYPE=""HIDDEN"" NAME=""PTATASKNUM"" VALUE=""" & Ptatasknum &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ("<IMAGE SRC=""/input/images/rain_lin.gif"" width=100%>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         stimulate the associated Training Audience Task.<br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Table1.FindFirst "[MTPTaskReference] =" & TasknuM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          item</i>item</i>item</i>/td></rr>
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Currentfield4 = Table1.Fields(4)
Currentfield5 = Table1.Fields(5)
Currentfield6 = Table1.Fields(6)
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LOGNI>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Send ("<P>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 End If
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If TSSCData.Fields(0) = CGL_AuthUser And TSSCData.Fields(2) = MTPTable And Val(TSSCData.Fields(3)) = Ptatasknum And Currentfield4 = Val(TSSCData.Fields(4)) And Currentfield5 = Val(TSSCData.Fields(6)) Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Print #xx, TSSCData.Fields(2) & " " & TSSCData.Fields(3) & " " & TSSCData.Fields(4) & " " & TSSCData.Fields(7)
                                                                                                                                                                                                                                                                                                                                                                                                                               Open "c:\netscape\server\docs\input\temp\test14.txt" For Output As #xx
If (Currentfield2 = 4 And Nextrec = 5) Or Currentfield2 = 6 Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Print #xx, Prodpipe2 & " 2"
If TSSCData.Fields(10) <> "" Then
Prodpipe3 = TSSCData.Fields(10)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              If TSSCData. Fields (8) <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Print #xx, Prodpipe & " 1"
If TSSCData.Fields(9) <> "" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prodpipe2 = TSSCData.Fields(9)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Prodpipe = TSSCData.Fields(8)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Print #xx, Prodpipe3 & " 3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Rating = TSSCData.Fields(7)
                                                                                                                                                                                                                                                          If TSSCDatabool = False Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Print #xx, Rating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prodpipe2 = " "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Prodpipe3 = " "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Do Until TSSCData.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prodpipe = " "
                                                                                                                                                                                                                                                                                                                   TSSCData.MoveFirst
                                                                                  Rating = "default"
                                                                                                                                                                                                                                                                                                                                                                                                      xx = FreeFile
                                                                                                         Prodpipe = " "
Prodpipe2 = " "
Prodpipe3 = " "
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Send ("<INPUT type = ""radio"" name =""tssc-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & " ""value=""high"" ")
If Rating = "high" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<INPUT type = ""radio"" name =""tssc-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & " ""value=""none"" ")

If Rating = "none" Or Rating = "default" Then
    Send ("checked>Not Required<sup><</sup>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("<INPUT type = ""radio"" name =""tssc-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & " ""value=""med"" ")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Send ("<INPUT type = ""radio"" name =""tssc-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & " ""value=""low"" ")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<sup>*</sup>Comments:<br/>br><input type=Text name =""cmts-" & Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 | "value="" & Prodpipe3 & "-" & Size = 20 >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send ("Equipment:<br/>
Currentfield6 & " ""value="" & Prodpipe & "" Size = 20 ><br/>
Send ("SE Objects:<br/>
Last ("SE Objects:<br/>
Send ("SE Objects:<br/>
" Size = 20 ><br/>
" a Currentfield4 & "-" & Currentfield5 & "-" & Currentfield6 & "-" & C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Open "c:\netscape\server\docs\input\temp\test15.txt" For Output As #xx
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("checked>Partial Details<sup>*</sup><br/>-br>")
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                                                                                                                                                                                                                                                                                                                                             ' will need to do same for this field
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("checked>Full Details<br/>br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Send (">Full Details<br/>br>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                If Rating = "med" Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       If Rating = "low" Then
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TSSCData.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Print #xx, Mtpname
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    xx = FreeFile
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Close #xx
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Close #xx
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End If

If Table1.Fields(4) <> TasknuM Then GoTo bob

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Send ("<P><center><font size =+1>Provide any additional information that will assist the WARSIM 2000 simulation developer modeling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         If TSSCData.Fields(8) <> "" And TSSCData.Fields(0) = CGI_AuthUser And TSSCData.Fields(2) = MTPTable And Val(TSSCData.Fields(3)) = Ptatasknum And TSSCData.Fields(4) = RUTable And Val(TSSCData.Fields(5)) = Rutasknum Then
                                                                                                                                                                                                                                                                                              Set TSSCData = TSSCdb.OpenRecordset("SELECT DISTINCTROW RU_XS.USERID, RU_XS.Session, RU_XS.WTP, RU_XS.WTP_Task, RU_XS.RU, Task, RU_XS.RU_Task, RU_XS.USERID Like " & Chr(39) & RU_XS.RU_Task, RU_XS.USERID Like " & Chr(39) & CGI_Authüser & Chr(39) & ") AND (RU_XS.WTP_Like " & Chr(39) & WTPTable & Chr(39) & ") AND (RU_XS.WTP_Task, RU_XS.RU_Task, RU_XS.Update;")

If TSSCData.BOF = True And TSSCData.EOF = True Then TSSCBOOL2 = True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       this Represented Unit in support of this particular Training Audience Task.</font></center>conter><TEXTAREA NAME=""COMMENTS"" Rows=5 Cols=50>" & Comments & "</Textarea></center>conter><TEXTAREA NAME=""Clear Current</pre>
Send ("<Center><INPUT TYPE=""SUBMIT"" VALUE= ""Submit Ratings" ><Input type=""Reset" Value=""Clear Current</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Set TSSCData = TSSCdb.OpenRecordset("RU_Xs")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Comments = TSSCData.Fields(8)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("</SELECT></center>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ' TSSCData.LockEdits = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TSSCData.Fields(6) = "Yes"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      If TSSCBOOL2 = False Then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Do Until TSSCData.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Changes""></Center>")
                                                                                                     TSSCData.Close
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TSSCData.MoveFirst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TSSCData.MoveNext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send ("</FORM>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send ("</HTML>")
                                                                                                                                                                                                                                                  TSSCBOOL2 = False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ("</BODY>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Comments = " "
Table1.Close
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Table1.MoveNext

Send ("")

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Dbl.Close Db.Close TSSCData.Close TSSCdb.Close End Sub

APPENDIX J - SOURCE CODE TO BUILD QUERY ENGINE (QUERY.EXE)

Sub CGI_Main()

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Send ("<IMAGE SRC=""/input/images/rain_lin.gif"" width=100%>")
Send ("<center>This query form will present data as it currently resides in the WARSIM 2000 database. ")
Send ("<enter>This query form will present data. You may look at all or any combination of users, Training Audiences and Represented
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        If Userdata.Fields(21) = True Then Send ("<OPTION VALUE=""" & Userdata.Fields(6) & """>" & Userdata.Fields(1) & " " &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        More queries are in the design stage now.")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("<center><B><h2> Select Which Training Audience(s) you want specifically included in the Query</h2></b>")
Send ("<SELECT NAME = ""PTA"" MULTIPLE SIZE=10 >")
Send ("<OPTION SELECTED VALUE=""ALL" > ALL")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Send ("<center><B><h2> Select Which User(s) Data you want included in the Query</h2></b>")
Send ("<SELECT NAME = ""USERS"" MULTIPLE SIZE=10 >")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Set Db = OpenDatabase("c:\netscape\server\docs\input\database\mtptask.mdb")
Set MTPTable = Db.OpenRecordset("MTPDIR", dbReadOnly)
Set TPSCdb = OpenDatabase("c:\netscape\server\docs\input\database\mtptpsc.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("<HTML><HEAD><TITLE> WARSIM 2000 Query Engine Input Form</TITLE>")
Send ("<H2><Center> WARSIM 2000 Query Engine Input Form </Center></H2></HEAD>")
Send ("<FORM METHOD= ""POST"" ACTION=""/wincgi/runquery.exe"">>")
                                                                                                                                                                                                                                                                                        Set RUdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb")
                                                                                                                                                                                                                                                                                                                                                                          Set Userdb = OpenDatabase("c:\netscape\server\docs\database\users.mdb")
Set Userdata = Userdb.OpenRecordset("Data", dbReadOnly)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("<IMAGE SRC=""/input/images/rain_lin.gif"" width=100%>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ("<BODY bgcolor=""#00FFFF"" text=""#000000"">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("<OPTION SELECTED VALUE=""ALL"">ALL")
Dim Db, TPSCdb, RUdb, Userdb As Database
Dim MTPTable, Userdata As Recordset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send ("Content-type: text/html")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Build list of users
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Do Until Userdata.EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Userdata.MoveNext
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Send ("</A>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Units. ")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Send
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Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""TA Task to Products and Pipes"">Long Query!</center>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("<b>éfont size = +1>TA3:*)
Send ("<b>éfont size = +1>TA3:/th>align=left>TPSCs by SME - All*)
Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""TPSCs by SME - All"">></center>*)
Send ("<center><input type = ""radio"" name = ""QUERY"" Value=""THREE"">></center>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           - Individual w/
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("ctd>center><input type = submit name = ""QUERY"" Value=""SME Work Status""></center>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TPSC - Individual
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""TPSCs ordered by TPSC(v.2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send (" align = left><b><font size = +1>TA1:align=left>SME Work Status>")
                                                                              Send ("<OPTION VALUE=""" & Left(MTPTable.Fields(1), 8) & """>" & MTPTable.Fields(8))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("<OPTION VALUE=""" & Left(MTPTable.Fields(1), 8) & """>" & MTPTable.Fields(8))
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<input type=submit name=""Set4"" value=""Run Specified Query"">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Send (" <b><font size = +1>TA1:")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send ("<b><font size = +1>TA2:")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Send ("<b><font size = +1>TA5:")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<b><font size = +1>TA6:")
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                                                                                                                                                                                                                                                                                                                                                                                     Send ("<SELECT NAME = ""RU"" MULTIPLE SIZE=10 >")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     apply user options as appropriate.
                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<OPTION SELECTED VALUE=""ALL"">ALL")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                comments""></center>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    comments""></center>
                                         Do Until MTPTable.EOF
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                                                                                                                           MTPTable.MoveNext
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MTPTable.MoveFirst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MTPTable.MoveFirst
                                                                                                                                                                                                         Send ("</SELECT>")
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Send ("TA7:")

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Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""TA Task Companion List"">Long Query!</center></
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Send ("<b><font size = +1>RU2-1:TSSCs by SME - TA Task to RU TaskTA Task to RU TaskSend ("<center><input type = ""submit"" name = ""QUERY"" Value=""TSSCs by SME - TA Task to RU Task"></center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center>Center
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</rr>
Send ("<center><input type = ""radio"" name = ""QUERY" Value=""THIRTEEN""></center>

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<b>-font size = +1>RU4:TSSCs - All SMEs (Not ready - pending rollup
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""RU frequency by TA Task""></center>
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""TA Task Exclusion List""></center>
                                                                                                                                                                                            Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""TA Task Companion List (Text Only)"">Long
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send (".."#FF0000"">.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Send ("<b><font size = +1>RU1-2:align=left>RUS by TA Task</rr>
Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""RUS by TA Task""></center></rr>Send ("<center><input type = ""radio"" name = ""QUERY"" Value=""FOUR"></center>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Send ("ctd>center><input type = ""radio"" name = ""QUERY"" Value=""FOURTEEN""></center>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<b><font size = +1>RU1-4:")
                                                                                                                       Send ("<b>font size = +1>TA8:
                                                                                                                                                                                                                                                                                                                                                                                        Send ("<b><font size = +1>TA9:")
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Send ("<b><font size = +1>RU4:")
                                                                                                                                                                                                                                                           Query!</center>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      algorithm) ")
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to RU Task" "></center>")
                   Send ("<b><font size = +1>RU5-2:<1>TSSCs All SMEs - RU Task to TA TaskSend ("<center><input type = ""submit" name = ""QUERY" Value=""TSSCs All SMEs - RU Task to TA Task""></center>Send ("<center><input type = ""radio"" name = ""QUERY" Value=""TWELVE""></center>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Send ("<b>-font size = +1>SE4:Environmental Objects to RU Task to TA Task")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<b>-font size = +1>SE1:")
Send ("-center><input type = ""submit"" name = ""QUERY"" Value=""Equipment - RU to RU Task""></center>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Send ("..#FF0000"">.#FF0000"">.")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("><b>font size = +1>SE3:")
Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""Environmental Objects - RU</pre>
                                                                                                                                     Send ("<b><font size = +1>RU5-2:")
Send ("<b><font size = +1>RU5-1:")
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Send ("<input type=submit name=""Set4"" value=""Run Specified Query"">")

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If CGI_AuthUser = "mcnett" Then
Send ("<FORM METHOD= ""POST"" ACTION=""/wincgi/recalc2.exe"">")
Send ("<conter>

Send ("<conter>

Send ("<form>" > Send ("<form>" > Send ("<form>" ) Send ("</form>" ) Send ("

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Userdb.Close
TPSCdb.Close
MTPTable.Close
Db.Close
RUdb.Close
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End Sub

APPENDIX K - SOURCE CODE FOR EXECUTION OF SELECTED QUERY (RUNQUERY.EXE)

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You may look at all or any combination of users, Training Audiences and Represented
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Send ("<SELECT NAME = ""PTA"" MULTIPLE SIZE=10 >")
Send ("<OPTION SELECTED VALUE=""ALL"">ALL" > ALL" )
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ("<center>This query form will present data as it currently resides in the WARSIM 2000 database.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Send ("<center><B><h2> Select Which User(s) Data you want included in the Query</h2></b>Send ("<SELECT NAME = ""USERS"" MULTIPLE SIZE=10 >")
Send ("<OPTION SELECTED VALUE=""ALL">>ALL"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           If Userdata.Fields(21) = True Then Send ("<OPTION VALUE=""" & Userdata.Fields(6) &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("Feel free to experiment until you find what you are looking for. More querion
Send ("I am also looking for any comments as to other queries that may be useful.")
Send ("<A HREF=""mailto:fr0161@exmail.usma.edu"">=""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("<HTML><HEAD><TITLE> WARSIM 2000 Query Engine Input Form</HIZ></HEAD>")
Send ("<H2><Center> WARSIM 2000 Query Engine Input Form </Center></H2></HEAD>")
Send ("<FORM METHOD= ""POST" ACTION=""/wincgi/runquery.exe"">>")
                                                                                                                                                                                                                                                                                                                                 Set MTPTable = Db.OpenRecordset("MTPDIR", dbReadOnly)
Set TPSCdb = OpenDatabase("c:\netscape\server\docs\input\database\mtptpsc.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                            Set RUdb = OpenDatabase("c:\netscape\server\docs\input\database\mtpru.mdb")
                                                                                                                                                                                                                                                                                    = OpenDatabase("c:\netscape\server\docs\input\database\mtptask.mdb")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Set Userdb = OpenDatabase("c:\netscape\server\docs\database\users.mdb")
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Set Userdata = Userdb.OpenRecordset("Data", dbReadOnly)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Send ("<ADDRESS>&lt; MAJ Bob Phelan&gt; </ADDRESS>")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ("Select how you want to look at the data.
                                                                                                                                   Dim Db, TPSCdb, RUdb, Userdb As Database
                                                                                                                                                                             Dim MTPTable, Userdata As Recordset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Send ("Content-type: text/html")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Build list of users
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Do Until Userdata.EOF
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Sub CGI_Main()
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Send ("<Table border =2 width=100%>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th>/th><
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("<b>font size = +1>TA6:")
Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""TPSCs ordered by TPSC(v.2) - Individual w/</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Send ("<center><input type = ""submit"" name = ""QUERY"" Value=""TPSCs ordered by TPSC - Individual w/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Send (" <br/>b>font size = +1>TA1:>SME Work Status</rr></rr>Send ("<center><input type = submit name = "QUERY" Value=""SME Work Status""></center></rr>
                                                                                  Send ("<OPTION VALUE=""" & Left(MTPTable.Fields(1), 8) & """>" & MTPTable.Fields(8))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Send ("<OPTION VALUE="" & Left(MTPTable.Fields(1), 8) & """>" & MTPTable.Fields(8))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Send ("<input type=submit name=""Set4" value=""Run Specified Query"">")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                apply user options as appropriate.

Send (" <b>font size = +1>TA1:
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APPENDIX L -WEIGHTING OF SME RATINGS (SME_F)

Background

The Training Requirements Assessment Process (T-RAP) provides a means to collect multiple Subject Matter Expert (SME) ratings against Mission Training Plan (MTP) task performance measures. These ratings assess the relative degree of functionality which a simulated unit (e.g., field artillery battery) must exhibit to support the training of a WARSIM Training Audience (i.e., command and staff group). Ratings of H: High degree of detail, P: partial degree of detail, M: minimum detail, and N: not represented are applied to all performance measures under every simulated unit task as contained in the simulated unit's MTP. In cases where more than one SME rates the same task, a method was needed to account for the differences in SME expertise and experience. The concept developed, and described in this paper, is depicted in Figure 1.

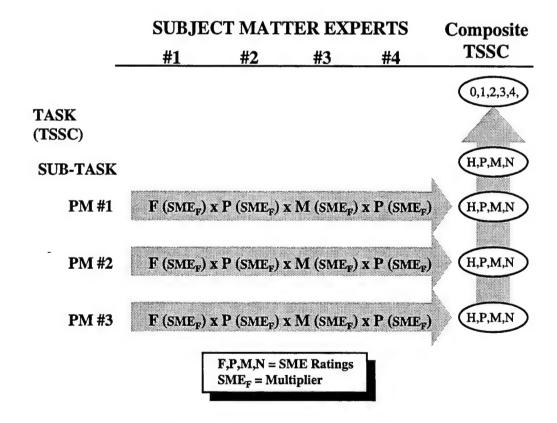


Figure L-1: Concept for Weighting SME Ratings

Formulation

This paper describes a methodology to account for the differences between SMEs' experience in their ratings of MTP task performance measures within the T-RAP process. The equation for calculating the SME function is:

(Eq. 1)
$$SME_F = F_{SA} * F_{EXP}$$

Where;

 F_{SA}

SME_F - The SME Contribution Factor $(0 \le SME_F \le 1)$

 F_{EXP} - SME Experience factor $(0 \le F_{EXP} \le 1)$ and is calculated

using equation 2.

- SME Specialty Area factor $(0 \le F_{SA} \le 1)$ is calculated using AHP methods. Within an SME's Specialty Area his ratings are unity weighted (FSA=1). Within other areas, an SME's ratings are weighted by a factor between zero and one. The Specialty Area factor accounts for the likely difference between SME ratings based on their likelihood

of having knowledge of a functional area other than their own. AHP methodology was used to derive FSA for the 21 specialty areas involved in brigade training exercises. The results are displayed in Table 1.

	ADA	AG	ARM	AVN	CA	CC	CHEM	ENG	FA	FIN	INF	MED	MI	MP	ORD	PA	QM	SF	SIG	SPT	TRAN
ADA	1	.013	.142	.058	.007	.031	.013	.042	0	.026	.004	.02	.011	.005	.06	.019	.025	.057	.048	.017	.037
AG	.007	1	.028	.012	.007	.031	.003	.005	0	.231	.001	.02	.004	.003	.015	.155	.013	.014	.007	800.	.012
ARM	.063	.013	1	.104	.02	.278	.028	.047	.004	.026	.006	.02	.011	800.	.06	.019	.063	.057	.048	.034	.049
AVN	.013	.013	.142	1	.02	.056	.009	.012	.002	.026	.002	.02	.011	800.	.06	.019	.063	.057	.048	.034	.049
CA	.004	.013	.028	.012	1	.011	.019	.059	800.	.077	.014	.137	.057	.023	.3	.078	.126	.397	.144	.034	.049
CC	.021	.013	.142	.058	.04	1	.019	.015	.053	.026	.087	.02	.171	.023	.075	.019	.252	.066	.144	.203	.196
CHEM	.004	.013	.028	.012	800.	.011	1	.004	.006	.026	.012	.02	.034	.006	.075	.01	.05	.022	.024	.041	.049
ENG	.021	.013	.114	.035	.048	.089	.009	1	.035	.026	.074	.02	.069	.006	.038	.01	.05	.022	.024	.041	.049
FA	.042	.013	.114	.035	.008	.089	.009	.029	1	.026	.074	.02	.069	.006	.038	.01	.05	.022	.024	.041	.049
FIN	.005	.117	.013	.007	.002	.011	.001	.003	.004	1	.025	.02	.01	.017	.009	.039	.017	.007	.024	.008	.012
INF	.042	.013	.114	.062	.012	.100	.011	.029	.040	.026	1	.02	.069	.069	.019	.117	.034	.066	.216	.024	.049
MED	.005	.013	.013	.007	.003	.011	.001	.003	.004	.026	.025	1	.017	.023	.003	.039	.011	.008	.027	.012	.008
MI	.023	.026	.063	.035	.018	.089	.005	.01	.018	.026	.025	.02	1	.046	.003	.039	.011	.05	.108	.012	.016
MP	.023	.026	.016	.035	.018	.015	.005	.01	.018	.026	.099	.02	.034	1	.003	.039	.011	.017	.027	.012	.016
ORD	.07	.026	.016	.035	.005	.059	.021	.059	.053	.026	.033	.02	.034	.046	1	.039	.067	.033	.027	.085	.114
PA	.023	.234	.005	.012	.014	.015	.007	.012	.018	.179	.033	.02	.034	.046	.003	1	.011	.017	.027	.012	.016
QM	.07	.026	.005	.023	.041	.015	.049	.047	.053	.026	.033	.039	.034	.046	.019	.039	1	.033	.027	.085	.114
SF	.211	.026	.001	.092	.365	.015	.395	.283	.422	.026	.264	.275	.206	.138	.038	.117	.045	1	.003	.043	.029
SIG	.07	.078	.005	.023	.052	.044	.056	.047	.053	.051	.038	.039	.041	.069	.019	.039	.011	.033	1	.043	.014
SPT	.141	.156	.005	.069	.157	.015	.225	.142	.105	.051	.075	.118	.041	.138	.131	.078	.045	.011	0	1	.071
TRANS	.141	.156	.005	.277	.157	.015	.113	.142	.105	.051	.075	.118	.041	.276	.033	.078	.045	.011	0	.213	1

Table L-1. F_{SA} Factors

The SME experience factor (F_{EXP}) is calculated using equation 2 thru 5 and information provided by SMEs when the log into the T-RAP system (see Figure 6).

(Eq. 2)
$$F_{EXP} = (V_{OC/OT} * F_{OC/OT}) + (V_{i,Trainee} * F_{i,Trainee}) + (V_{SupportStaff} * F_{SupportStaff})$$

Where;

V_{OC/OT} - Relative value of OC/OT experience compared to trainee and support staff experience.

F_{OC/OT} - Combined factor from OC/OT experience chart

calculated using equation 3.

V_{i,Trainee} - Relative value of trainee experience (includes relative factors for different positions held) compared to OC/OT and support staff experience.

F_{i,Trainee} - Combined factor from Trainee experience chart

calculated using equation 4.

V_{SupportStaff} - Relative value of support staff experience compared to OC/OT and trainee experience.

F_{SupportStaff} - Combined factor from Support Staff experience chart calculated using equation 5.

<u>NOTE</u>: $V_{OC/OT}$, $V_{i,Trainee}$, and $V_{SupportStaff}$ were determined using pairwise comparisons then normalized to 1. Their values are shown in Fig 2.

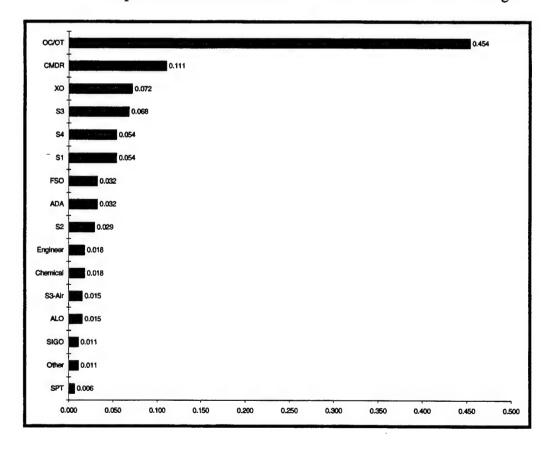


Figure L-2. Relative Value Factors Based on Position Experience (V_x)

For each block of OC/OT experience within the experience matrix (Figure 6),

(Eq. 2a)
$$F_{OC/OT} = \sum x_i * z_k$$

Where;

X_i - The *i*th contribution factor based on the type of experience (i.e., actual deployment, CTC, BCTP, ...).

Z_k - The kth contribution factor based on the echelon of experience (i.e., BDE, BN).

For each block of Trainee experience within the experience matrix,

(Eq. 2b)
$$F_{Trainee} = \sum x_i * z_k$$

Where;

X_i - The *i*th contribution factor based on the type of experience (i.e., actual deployment, CTC, BCTP, ...).

Z_k - The kth contribution factor based on the echelon of experience (i.e., BDE, BN).

For each block of Support Staff experience within the experience matrix,

(Eq. 2c)
$$\mathbf{F}_{\text{SupportStaff}} = \sum \mathbf{x}_i * \mathbf{z}_k$$

Where;

X_i - The *i*th contribution factor based on the type of experience (i.e., actual deployment, CTC, BCTP, ...).

Z_k - The kth contribution factor based on the echelon of experience (i.e., BDE, BN).

NOTE: The contribution factors x_i , and z_k were determined using pairwise comparison and normalizated to 1. The values for these are shown on the charts in Figures 3 and 4.

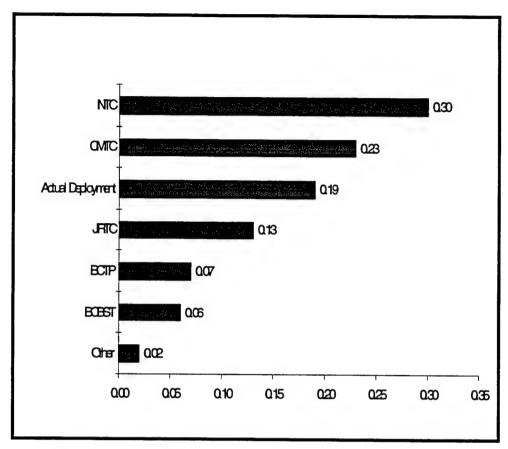


Figure L-3. Contribution Factors Based on Type of Experience (Xi)

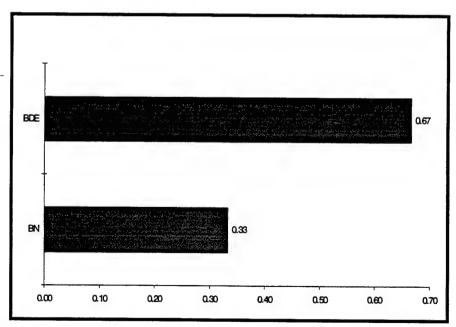


Figure L-4. Contribution Factors Based on Echelon of Experience (\mathbf{Z}_k)

Application of SME Weighting Factors

For each task step or performance measure being considered, the SME weighting factor (SME_F) must be calculated and the individual factors normalized to determine the relative value of the contribution of each SME to that task step or performance measure rating. However, in order to maintain the established methodology for 'rolling up' SME performance measure ratings to a TPS or TSS Code at the task level, these normalized values were converted to multipliers IAW the scale in Table 2.

Normalized Range	Multiplier
0.000 to 0.049	0
0.050 to 0.199	1
0.200 to 0.399	2
0.400 to 0.599	3
0.600 to 0.799	5
0.800 to 0.899	7
0.900 to 1.000	10

Table L-2. Normalized SME Multipliers

If an SME has a normalized weighting factor of 0.631 and has rated the performance measure as moderate, then the total contribution to the roll up algorithm is 5 moderates. After each SME has had their multiplication factor assigned, the final performance measure rating is attained using the heuristic algorithm shown in Table 3 for TPSC ratings and Table 4 for the TSSC ratings.

Number of SMEs	Rating	Methodology					
2 or more	High	At least 66% of the adjusted ratings are high.					
	Moderate	At least 66% of the adjusted ratings are high or moderate.					
	Not	If niether of the above constraints is					
	Required	met.					
1		Rating of the SME is used					

Table L-3. TPSC Heuristic Algorithm

Number of SMEs	Rating	Methodology
2 or more	Full	At least 66% of the adjusted ratings are Full.
	Partial	At least 66% of the adjusted ratings are Full or Partial.
	Minimal	At least 25% of the ratings are minimal.
	Not Required	If none of the above constraints is met.
1		Rating of the SME is used

Table L-4. TSSC Heuristic Algorithm

These relative factors are then used to roll up the final TPSC/TSSC code for the task step or performance measure being considered.

Calculating one experience factor (F_{EXP})

Using equation 2 and the values from Figure 2, Figure 3 and Table 1, the Experience Factor for each SME can be computed. As an example, consider the experience matrix in Figure 3 for one SME. To calculate the SME's F_{EXP} we first need to determine the V_x and F_x values to plug into equation 2;

(Eq 2)
$$F_{EXP} = (V_{OC/OT} * F_{OC/OT}) + (V_{i,Trainee} * F_{i,Trainee}) + (V_{SupportStaff} * F_{SupportStaff}).$$

To determine the $F_{OC/OT}$ values we review the OC/OT portion of the matrix and find that the SME has battalion experience at the National Training Center. Using equation 3 with $x_j = 0.30$, $z_k = 0.33$ and $V_{OC/OT} = 0.463$, results in;

$$\mathbf{F_{OC/OT}} = 0.3*0.33 = 0.100$$
 and, $\mathbf{V_{OC/OT}} * \mathbf{F_{OC/OT}} = (0.454)*(0.1) = 0.0454$

To determine the $\mathbf{F}_{i,\text{Trainee}}$ values we review the Trainee portion of the matrix and find that the SME has battalion experience in actual deployment in positions of commander, S-3 and Staff ADA officer and as a commander at NTC. He also has brigade experience as an XO and Staff ADA officer in actual deployment.

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	BN		BN		BN		BN		BN		BN		BN	
Other	BDE		BDE		BDE		BDE		BDE		BDE		BDE	
	BN		BN		BN		BN		BN		BN		BN	

	Actu Deple	JRT	С	СМП	С	NT	C	ВСТ	Р	всв	ST	Oth	er
Support Staff	BDE BN	BDE BN		BDE BN		BDE BN	_	BDE BN		BDE BN		BDE BN	
OC/OT	BDE	BDE		BDE	_	BDE		BDE		BDE		BDE	
	BN	BN		BN		BN	X	BN		BN		BN	

Figure L-3: Sample Experience Matrix

Using equation 4 with the appropriate values for x_j and z_k from figures 1, 2 and 3, results in;

$$\begin{aligned} F_{CMDR,Trainee} &= (X_{Deploy} + X_{NTC})*Z_{BN} = (0.190 + 0.300)*0.333 = 0.163 \\ V_{CMDR,Trainee} &* F_{CMDR,Trainee} = 0.111*0.163 = 0.0181 \end{aligned}$$

$$\begin{aligned} F_{S\text{-3-Trainee}} &= (X_{Deploy})*Z_{BN} = (0.19)*0.333 = 0.0633 \\ V_{S\text{-3-Trainee}} &* F_{S\text{-3-Trainee}} = 0.068*0.0633 = 0.0043 \end{aligned}$$

$$F_{\text{XO,Trainee}} = (X_{\text{Deploy}})*Z_{\text{BDE}} = (0.19)*(0.667) = 0.1267$$

$$V_{\text{XO,Trainee}} * F_{\text{XO,Trainee}} = 0.072*0.1267 = 0.0091$$

$$F_{\text{ADA,Trainee}} = (X_{\text{Deploy}})*(Z_{\text{BDE}} + Z_{\text{BN}}) = (0.190)*(.667 + 0.333) = 0.19$$

$$V_{\text{ADA,Trainee}} * F_{\text{ADA,Trainee}} = 0.032 * 0.19 = 0.0061$$

$$\sum V_{i,\text{Trainee}} * F_{i,\text{Trainee}} = 0.0181 + 0.0043 + 0.0091 + 0.0061 = 0.0376$$

No support staff experience was reported. Summing the OC/OT and Trainee factors results in an overall F_{EXP} of;

$$\mathbf{F}_{EXP} = (\mathbf{V}_{\text{OC/OT}} * \mathbf{F}_{\text{OC/OT}}) + (\mathbf{V}_{i,\text{Trainee}} * \mathbf{F}_{i,\text{Trainee}}) + (\mathbf{V}_{\text{SupportStaff}} * \mathbf{F}_{\text{SupportStaff}})$$
$$= (0.0454) + (0.0376) + (0) = 0.083.$$

This SME would be assigned an experience factor of 0.083.

An Example

(NOTE: The factors used in this example are fictional and are not intended to match the tables and/or figures of factors presented in this paper.)

A particular task performance measure, from an Armor MTP task, has been rated by 5 SME's. Their ratings and associated Experience and Subject Matter area functions (Eq 2 and Eq 3, respectively) and raw SME weighting values (Eq 1) are shown below:

Rating	F _{EXP}	FSA	SME _{EXP(r)}
Moderate	0.343	0.112	0.038
Not Required	0.112	0.004	0.000
Moderate	0.091	0.215	0.020
High	0.057	1.000	0.057
Moderate	0.222	1.000	0.222

Normalized raw SME weighting factors are as shown below:

SME	SME _{EXP(r)}	Normalized
FA SME	0.038	0.114
FIN SME	0.000	0.001
INF SME	0.020	0.058
ARM SME 1	0.057	0.169
ARM SME 2	0.222	0.658

Using the normalized values and the multiplication factors from Table 2, resulting in the following SME multipliers and adjusted performance measure ratings;

SME	Normalized	Multiplier	Rating
FA SME	0.114	1	Moderate
FIN SME	0.001	0	Not Required
INF SME	0.058	1	Moderate
ARM SME 1	0.169	1	High
ARM SME 2	0.658	5	Moderate
	Total	1	High
		7	Moderate

The final ratings are summed as; 1 high and 7 moderate with a roll up rating of moderate.